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Representative syntheses of stilbazolium salts, ^1H NMR and elemental analytical data for salts of 1[1], 1[2], 2[1], 2[2], 3, 6, 7, 8, and 9 (8 pages).

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Representative Syntheses

Preparation of 4-N-methyl picolinium *p*-toluenesulfonate:

To a solution of 4-picoline (104.5 mL) in CH_2Cl_2 (300 mL) was added methyl-*p*-toluenesulfonate (100g). The solution was stirred for 12h at which time diethyl ether (300 mL) was added, affording a white crystalline solid that was isolated by filtration, washed with additional ether and dried (150g). This material was used without further purification. This procedure worked equally well for the trifluoromethanesulfonate salt, however since this reaction is considerably more exothermic, care should be taken to add the trifluoromethanesulfonate dropwise, with stirring.

Sample procedure for the synthesis of stilbazolium salts:

4-N-methylpicolinium *p*-toluenesulfonate (0.5 g) was dissolved in methanol (10 mL) and piperidine (1 mL) is added. The resulting solution developed a yellow tinge. To this solution the desired aldehyde (> 10% excess) was added. The solution was stirred at 60° C (under an Ar atmosphere when air sensitive aldehydes were employed) for 4 h, over which time the solution turned to the color of the product. The solution was cooled to ambient temperature and, in air, diethyl ether was slowly added to afford crystals which were isolated by filtration and washed with 4:1 diethyl ether:methanol until the washings are only lightly colored. The crystals were dried under vacuum.

Large scale one pot synthesis 2[1] $\text{CH}_3\text{C}_6\text{H}_4\text{SO}_3$:

4-picoline (50 mL) and methyl-*p*-toluenesulfonate (60g) were placed in a 1L Erlenmeyer flask with 250 mL methanol and stirred at ambient temperature for 1h. The solution was then heated to 60° C for 1h and cooled to ambient temperature. Piperidine (90 mL) was added, followed by 4-anisaldehyde (90 mL). The solution was heated and

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stirred at 60° C for 4 hours, over which time the solution turned deep yellow. The compound was isolated by a procedure analogous to given in the general synthesis (69g).

Conversion of trifluoromethanesulfonate salts to chloride salts by metathesis:

The trifluoromethanesulfonate salts were dissolved in roughly 200% more than the minimum amount of acetone, and a hydrated tetra-*n*-butylammonium chloride (~0.2M) solution in acetone was added dropwise with stirring, yielding a precipitate. The addition was continued until an additional drop afforded no further precipitate. The precipitate was isolated by filtration and washed with acetone and dried.

Conversion of chloride salts to tetrafluoroborate salts by metathesis.

The chloride salts were dissolved in roughly 200% more than the minimum amount of water and a saturated aqueous sodium tetrafluoroborate solution was added dropwise with stirring yielding a precipitate. The addition was continued until an additional drop afforded no precipitate. The precipitate was isolated by filtration and washed with water and dried. The resulting material was purified by recrystallization from acetone/ diethyl ether.

Table ^1H NMR characterization of selected stilbazolium chromophores, in Table 1. The cation is identified the number of the aldehyde precursor in Fig. 2 of the paper. ^1H NMR spectra were recorded on Bruker WM-500 spectrometer. Chemical shifts were referenced to the solvent or to the residual protons of the solvent.

for 1[1]: ^1H NMR ($^2\text{H}_6$ -acetone), δ , 8.70 (d, $J = 6.5$ Hz, 2H), 8.08 (d, $J = 6.7$ Hz, 2H), 7.93 (d, $J = 16.1$ Hz, 1H), 7.61 (d, $J = 8.6$ Hz, 2H), 7.16 (d, $J = 16.0$ Hz, 1H), 6.64 (d, $J = 8.9$ Hz, 2H), 4.39 (s, 3H), 3.38 (s, 6H).

for 1[2]: (^2H -chloroform), δ , 8.45 (d, $J = 7.3$ Hz, 2H), 7.68 (d, $J = 6.7$ Hz, 2H), 7.47 (dd, $J = 15.3, 11.0$ Hz, 1H), 7.41 (d, $J = 8.2$ Hz, 2H), 6.98 (d, $J = 15.3$ Hz, 1H), 6.80 (dd, $J = 15.0, 11.0$ Hz, 1H), 6.66 (d, $J = 9.1$ Hz, 2H), 6.47 (d, $J = 15.3$ Hz, 1H), 4.28 (s, 3H), 3.02 (s, 6H).

for 2[1]: ($^2\text{H}_6$ -acetone), δ , 8.87 (d, $J = 6.4$ Hz, 2H), 8.34 (d, $J = 6.4$ Hz, 2H), 8.10 (d, $J = 16.5$ Hz, 1H), 7.84 (d, $J = 8.5$ Hz, 2H), 7.49 (d, $J = 16.6$ Hz, 1H), 7.05 (d, $J = 8.1$ Hz, 2H), 4.58 (s, 3H), 3.97 (s, 3H).

for 2[2]: (^2H -chloroform), δ , 8.82 (d, $J = 6.4$ Hz, 2H), 8.14 (d, $J = 6.1$ Hz, 2H), 7.82 (dd, $J = 15.3, 8.6$ Hz, 1H), 7.56 (d, $J = 8.2$ Hz, 2H), 7.12 (overlapping multiplets, 2H), 6.97 (d, $J = 8.0$ Hz, 2H), 6.89 (d, $J = 15.5$ Hz, 1H), 4.45 (s, 3H), 3.83 (s, 3H).

for 3: ($^2\text{H}_6$ -acetone), δ , 8.82 (d, $J = 6.5$ Hz, 2H), 8.18 (d, $J = 6.5$ Hz, 2H), 8.11 (d, $J = 16.7$ Hz, 1H), 7.72 (d, $J = 8.5$ Hz, 1H), 7.44 (d, $J = 16.4$ Hz, 1H), 6.66 (m, 2H), 4.46 (s, 3H), 3.97, 3.89 (each, s, 3H).

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for 6: ($^2\text{H}_6$ -acetone), δ , 8.70 (d, $J = 6.5$ Hz, 2H), 8.08 (d, $J = 6.7$ Hz, 2H), 7.93 (d, $J = 16.1$ Hz, 1H), 7.61 (d, $J = 8.6$ Hz, 2H), 7.16 (d, $J = 16.0$ Hz, 1H), 6.64 (d, $J = 8.9$ Hz, 2H,), 4.39 (s, 3H), 3.38 (m, 4H), 2.04 (m, 4H).

for 7: ($^2\text{H}_6$ -acetone), δ , 8.90 (d, $J = 6.4$ Hz, 2H), 8.27 (d, $J = 6.5$ Hz, 2H), 8.00 (d, $J = 16.2$ Hz, 1H), 7.71 (d, $J = 8.0$ Hz, 2H), 7.50 (d, $J = 16.2$ Hz, 1H), 7.35 (d, $J = 8.0$ Hz, 2H), 4.49 (s, 3H), 2.54 (s, 3H).

for 8 ($^2\text{H}_6$ -acetone), δ , 9.00 (d, $J = 6.6$ Hz, 2H), 8.30 (d, $J = 6.7$ Hz, 2H), 8.00 (d, $J = 16.5$ Hz, 1H), 7.72 (d, $J = 8.5$ Hz, 2H), 7.67 (d, $J = 8.5$ Hz, 2H), 7.60 (d, $J = 16.4$ Hz, 1H), 4.50 (s, 3H).

for 9: ($^2\text{H}_6$ -acetone), δ , 9.22 (d, $J = 16.1$ Hz, 1H), 9.02 (d, $J = 6.8$ Hz, 2H), 8.84 (d, $J = 9.3$ Hz, 1H), 8.64 (d, $J = 8.2$ Hz, 1H), 8.59 (d, $J = 6.9$ Hz, 2H), 8.38 (d, $J = 7.4$ Hz, 1H), 8.37 (d, $J = 8.0$ Hz, 2H), 8.34 (d, $J = 9.3$ Hz, 1H), 8.29 (d, $J = 8.8$ Hz, 1H), 8.22 (d, $J = 8.9$ Hz, 1H), 8.13 (t, $J = 7.5$ Hz, 1H), 7.88 (d, $J = 16.0$ Hz, 1H), 4.57(s, 3H).

Elemental analyses of selected stilbazolium compounds reported in Table 1 of the paper. The cation is identified the number of the aldehyde precursor in Fig. 2. of the paper, followed by the counterion of interest and then molecular formula is given. At the right the percentages for carbon, hydrogen and nitrogen is given; for each salt, the upper value (to the right of the molecular formula) is the expected value and immediately below that is the experimentally determined value. Elemental analyses were performed by the California Institute of Technology Analytical Facility.

Compound and formula	%C	%H	%N
for 1[1]			
CF ₃ SO ₃ ⁻ : Calcd for C ₁₇ H ₁₉ F ₃ N ₂ O ₃ S:	52.57	4.93	7.21
	52.59	5.00	7.24
CH ₃ C ₆ H ₄ SO ₃ ⁻ : Calcd for C ₂₃ H ₂₆ N ₂ O ₃ S:	67.29	6.38	6.82
	67.51	6.46	6.70
Cl: Calcd for C ₁₆ H ₁₉ N ₂ Cl:	69.93	6.97	10.19
	62.94	7.16	9.31
for 1[2]:			
CF ₃ SO ₃ ⁻ : Calcd for C ₁₉ H ₂₁ F ₃ N ₂ O ₃ S:	55.06	5.11	6.76
	55.32	5.09	6.73
BF ₄ : Calcd for C ₁₈ H ₂₁ BF ₄ N ₂ :	61.37	6.01	7.95
	61.11	6.05	7.89
CH ₃ C ₆ H ₄ SO ₃ ⁻ : Calcd for C ₂₅ H ₂₈ N ₂ O ₃ S:	68.78	6.46	6.42
	68.58	6.44	6.35
Cl: Calcd for C ₁₈ H ₂₁ ClN ₂ :	71.87	7.04	9.31
	65.00	6.93	8.39
for 2[1]			
CF ₃ SO ₃ ⁻ : Calcd for C ₁₆ H ₁₆ F ₃ NO ₄ S:	51.20	4.30	3.73
	52.54	4.23	3.54
BF ₄ : Calcd for C ₁₅ H ₁₆ BF ₄ NO:	57.54	5.15	4.47

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	57.31	5.16	4.48
CH ₃ C ₆ H ₄ SO ₃ ⁻ : Calcd for C ₂₂ H ₂₃ NO ₄ S:	66.48	5.83	3.52
	66.53	5.93	3.51
Cl: Calcd for C ₁₅ H ₁₆ ClNO:	68.83	6.16	5.35
	65.00	6.46	5.20
Cl: Calcd for C ₁₅ H ₁₆ ClN·H ₂ O:	64.40	6.48	5.09
	65.00	6.46	5.20
for 2[2]:			
CF ₃ SO ₃ ⁻ : Calcd for C ₁₈ H ₁₈ F ₃ NO ₄ S:	53.87	4.52;	3.49
	53.73	4.56	3.39
CH ₃ C ₆ H ₄ SO ₃ ⁻ : Calcd for C ₂₄ H ₂₅ NO ₄ S:	68.06	5.95	3.31
	67.91	6.01	3.39
Cl: Calcd for C ₁₇ H ₁₈ ClNO:	70.95	6.30	4.87
	67.01	6.39	4.65
for 3:			
CF ₃ SO ₃ ⁻ : Calcd for C ₁₇ H ₁₈ F ₃ NO ₅ S:	50.37	4.48	3.46
	50.25	4.41	3.33.
BF ₄ : Calcd for C ₁₆ H ₁₈ BF ₄ NO ₂ :	56.01	5.29	4.08
	55.67	5.27	4.09
Cl: Calcd for C ₁₆ H ₁₈ ClNO ₂ :	65.86	6.22	4.89
	60.44	6.40	4.49
for 6:			
CF ₃ SO ₃ ⁻ : Calcd for C ₁₉ H ₂₁ F ₃ N ₂ O ₃ S:	55.06	5.11	6.76
	54.73	5.09	6.64
BF ₄ : Calcd for C ₂₅ H ₂₈ N ₂ SO ₃ :	61.39	6.01	7.95
	60.97	6.05	7.96
CH ₃ C ₆ H ₄ SO ₃ ⁻ : Calcd for C ₁₈ H ₂₁ BF ₄ N ₂	68.78	6.46	6.42
	69.38	6.62	6.53

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Cl: Calcd for $C_{18}H_{21}ClN_2$:	71.87	7.04	9.31
	64.19	7.01	8.35
for 7:			
$CF_3SO_3^-$: Calcd for $C_{16}H_{16}F_3NO_3S_2$:	49.10	4.12	3.58
	49.04	4.06	3.46
BF_4 : Calcd for: $C_{15}H_{16}BF_4NS$:	54.73	4.90	4.26
	54.72	4.94	4.51
$CH_3C_6H_4SO_3^-$: Calcd for $C_{22}H_{23}F_3NO_3S_2$:	63.90	5.61	3.39
	63.89	5.63	3.41
Cl: Calcd for $C_{15}H_{16}ClNS$:	64.85	5.81	5.04
	61.58	5.92	4.87
for 8			
$CF_3SO_3^-$: Calcd for $C_{15}H_{13}BrF_3NO_3S$:	42.47	3.09	3.30
	42.49	3.15	3.33
BF_4 : Calcd for $C_{14}H_{13}BBBrF_4N$:	46.46	3.62	3.87
	45.86	3.58	3.87
$CH_3C_6H_4SO_3^-$: Calcd for $C_{21}H_{20}BrNO_3S$:	56.51	4.52	3.14
	56.49	4.62	3.12
Cl: Calcd for $C_{14}H_{13}BrCl$:	54.13	4.22	4.51
	47.09	4.45	3.95
for 9:			
$CF_3SO_3^-$: Calcd for $C_{25}H_{18}F_3NO_3S$:	63.89	3.86	2.98
	63.90	3.61	2.96
$CH_3C_6H_4SO_3^-$: Calcd for $C_{31}H_{25}NO_3S$:	75.74	5.13	2.85
	75.24	5.27	2.89

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Experimental details of data collection, ORTEP drawings of the cations **1[1] CH₃C₆H₄SO₃** (referred to as tosylate), **2[1] CH₃C₆H₄SO₃** (referred to as tosylate), **8 Cl(H₂O)₄** and **2[1]Cl(H₂O)₄**, with atom numbering, tables of crystal data, final parameters of all the atoms and complete distances and angles, observed and calculated structures factors (63 pages).

Experimental Details

A. General

All data were collected at room temperature on a CAD-4 diffractometer equipped with graphite-monochromated molybdenum radiation ($\lambda = 0.71073 \text{ \AA}$). Data were corrected for decay, if observed, and merged. Structures were solved by MULTAN plus structure factor-difference Fourier cycles to locate all the heavy atoms. All reflections, F_o^2 positive and negative, were used in the solution and refinement of the structures; final refinement was by full matrix least squares using F_o^2 values, with weights taken as $1/\sigma^2(F_o^2)$. Variances of the individual reflections were assigned based on counting statistics plus an additional term, $(0.014 I)^2$. Variances of merged reflections were obtained by standard propagation of error plus another additional term, $(0.014 \bar{I})^2$. Computer programs were those of the CRYRM Crystallographic Computing System (Duchamp, 1964), MULTAN (Main, *et al.*, 1980) and ORTEP (Johnson, 1976). Scattering factors and corrections for anomalous scattering were taken from Cromer and Waber (1974) and Cromer (1974). Hydrogen atoms were positioned by calculation or, for methyl groups, at idealized positions based on difference maps calculated in their expected planes, with C-H = 0.95 Å. Hydrogen atom thermal parameters were assigned based on the equivalent isotropic displacement parameter of the bonded atom. Hydrogen atoms that were not refined were repositioned once near the conclusion of the refinement. Ordered heavy atoms were refined with anisotropic displacement parameters, disordered heavy atoms and refined hydrogen atoms with isotropic displacement parameters. A secondary extinction parameter (Larson, 1967) was included where it appeared necessary.

B. Specific Details

4'-Dimethylamino-N-methyl-4-stilbazolium Tosylate. Methyl groups C2 and C17 showed two sets of disordered hydrogen atoms which were assigned 50% occupancy; the hydrogen atoms on the other methyl groups appeared ordered. The structure consists of planar cations arranged in layers perpendicular to the z axis, with layers of tosylate anions between them. Bond distances and angles are normal. The entire cation is planar within $\pm 0.09 \text{ \AA}$.

4'-Methoxy-N-methyl-4-stilbazolium Tosylate. In this structure the SO_3 group of the tosylate anion showed two orientations separated by about 60° around the C-S vector. A second set of oxygen atoms was introduced at fixed positions; a population parameter refined to 0.881(9) for the first set and 1-0.881 for the second set. The cation is planar within $\pm 0.13 \text{ \AA}$.

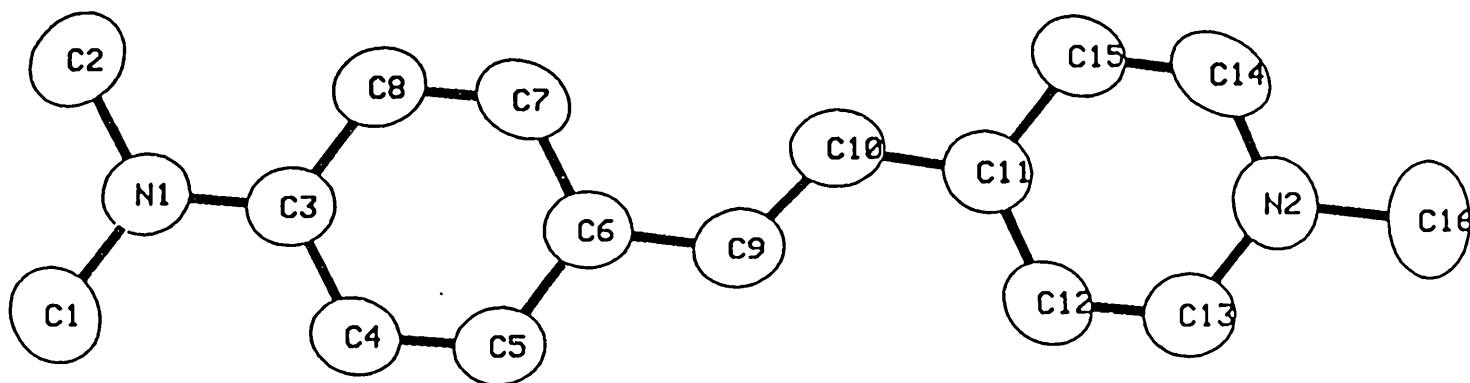
4'-Bromo-N-methyl-4-stilbazolium Chloride·4H₂O. A complete sphere of data was collected and averaged in point group $mm2$. Imaginary components $\Delta f''$ were introduced for Br and Cl and the correct polarity was clear from refining both models. This compound and the isostructural 4'-methoxy-N-methyl-4-stilbazolium chloride have an interesting two dimensional network formed by the chloride ion and the water molecules, with each chloride ion surrounded by four water molecules and each water molecule donating two hydrogen bonds, one to a chloride ion and one to another water molecule, and accepting one hydrogen bond. These assignments were confirmed by successful refinement of the coordinates and isotropic B's of the hydrogen atoms of the water molecules. The coordination about the chloride ion is distorted square planar, with angles from 84° to 100° , 169° and 170° (all esd's $3-4^\circ$). These networks are found at approximately $x = 1/4$ and $x = 3/4$, with the cations arranged in layers between them. The Br - N1 vector is nearly perpendicular to b and makes an angle of 17° with c . The plane of the molecule is roughly parallel to the ac plane and the molecules are stacked along b , with $\pi-\pi$ interactions of half the b axis distance, or 3.54 \AA .

4'-Methoxy-N-methyl-4-stilbazolium Chloride·4H₂O. This compound is isostructural with the preceeding one. The distances and angles are normal.

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Labelled drawing of the cation of 4'-dimethylamino-N-methyl-4-stilbazolium tosylate with 70% probability ellipsoids. Hydrogen atoms are not shown.

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Table S2A. Final Refined Parameters for
4'-Dimethylamino-N-methyl-4-stilbazolium Tosylate.

x, y, z and $U_{eq}^a \times 10^4$

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Atom	x	y	z	U_{eq} or B
N 1	11012(3)	1395(3)	3301(2)	552(7)
C 1	11700(3)	1572(3)	2624(2)	606(9)
C 2	11659(3)	1767(3)	3990(2)	593(8)
C 3	9775(3)	959(3)	3275(2)	425(7)
C 4	9148(3)	640(3)	2598(2)	461(7)
C 5	7904(3)	207(3)	2586(2)	457(7)
C 6	7206(3)	68(2)	3231(2)	421(7)
C 7	7840(3)	388(3)	3908(2)	510(8)
C 8	9088(3)	815(3)	3934(2)	498(8)
C 9	5895(3)	-382(2)	3175(2)	445(7)
C10	5082(3)	-503(3)	3731(2)	456(7)
C11	3787(3)	-982(3)	3649(2)	412(7)
C12	3236(3)	-1394(3)	2974(2)	470(7)
C13	2009(3)	-1816(3)	2947(2)	477(7)
C14	1802(3)	-1484(3)	4220(2)	525(8)
C15	3030(3)	-1048(3)	4273(2)	499(8)
C16	-43(3)	-2303(3)	3506(2)	631(9)
N 2	1295(2)	-1864(2)	3560(1)	460(6)
C17	-1233(4)	2250(4)	6065(3)	893(13)
C18	215(4)	2181(3)	5996(2)	611(10)
C19	839(4)	1097(3)	5998(2)	582(9)
C20	2171(3)	1026(3)	5949(2)	497(8)
C21	2905(3)	2045(3)	5874(1)	425(8)
C22	2278(4)	3122(3)	5858(2)	550(8)

Table S2A. (Cont.)

C23	954(4)	3192(3)	5926(2)	617(9)
S	4611	1926(.7)	5789	500(2)
O 1	5096(2)	3120(2)	5745(2)	738(7)
O 2	5065(2)	1315(3)	6458(1)	727(7)
O 3	4785(3)	1255(2)	5121(1)	767(7)

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$$^a U_{eq} = \frac{1}{3} \sum_i \sum_j |U_{ij}(a_i^* a_j^*)(\vec{a}_i \cdot \vec{a}_j)|$$

^aIsotropic displacement parameter, *B*

Table S2B. Assigned Parameters for
4'-Dimethylamino-N-methyl-4-stilbazolium Tosylate.

Atom	$x, y \text{ and } z \times 10^4$			B
	x	y	z	
H 1A	11195	2023	2260	5.8
H 1B	11891	816	2390	5.8
H 1C	12502	1971	2720	5.8
H 2A	12566	1804	3949	5.7*
H 2B	11470	1226	4396	5.7*
H 2C	11351	2540	4142	5.7*
H 2D	12176	2451	3921	5.7*
H 2E	12188	1149	4204	5.7*
H 2F	11022	1970	4363	5.7*
H16A	-650	-1673	3498	5.8
H16B	-206	-2800	3938	5.8
H16C	-181	-2780	3067	5.8
H17A	-1542	3037	6030	8.6*
H17B	-1490	1917	6537	8.6*
H17C	-1656	1786	5671	8.6*
H17D	-1484	2892	6371	8.6*
H17E	-1551	1523	6288	8.6*
H17F	-1653	2324	5580	8.6*
H 4	9581	728	2143	4.5
H 5	7513	-7	2117	4.4
H 7	7396	314	4360	5.0
H 8	9495	1016	4403	4.7
H 9	5587	-608	2689	4.3
H10	5379	-262	4217	4.5
H12	3719	-1376	2533	4.6
H13	1639	-2090	2484	4.6
H14	1295	-1508	4650	5.0
H15	3380	-802	4746	4.8
H19	345	393	6035	5.6
H20	2570	274	5966	4.7
H22	2755	3825	5798	5.2
H23	541	3934	5920	5.9

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* Half-populated Site.

Table S2C. Anisotropic Displacement Parameters for
4'-Dimethylamino-N-methyl-4-stilbazolium Tosylate.

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Atom	U_{11}	U_{22}	U_{33}	U_{12}	U_{13}	U_{23}
N 1	533(16)	723(17)	400(14)	-155(14)	2(12)	-1(13)
C 1	543(21)	741(23)	539(19)	-89(16)	68(15)	67(17)
C 2	594(20)	676(22)	500(19)	-100(17)	-92(15)	31(16)
C 3	486(18)	405(16)	383(16)	3(14)	7(13)	-12(13)
C 4	502(19)	519(18)	366(16)	-1(15)	61(13)	-24(14)
C 5	509(19)	484(18)	376(16)	12(14)	5(14)	-37(13)
C 6	474(18)	401(14)	388(16)	29(14)	29(13)	-36(14)
C 7	577(21)	578(20)	382(16)	-24(16)	107(15)	-10(14)
C 8	554(20)	556(20)	381(17)	-56(15)	-22(14)	-26(14)
C 9	498(18)	421(17)	414(17)	21(13)	3(14)	-45(13)
C10	538(20)	446(17)	383(16)	29(14)	20(15)	-63(13)
C11	481(18)	345(15)	414(16)	40(13)	50(13)	5(13)
C12	501(19)	492(18)	423(17)	-7(15)	88(14)	-3(14)
C13	531(19)	494(17)	406(17)	-13(15)	7(14)	17(14)
C14	622(21)	546(19)	418(18)	31(16)	160(15)	46(14)
C15	553(20)	571(19)	377(17)	-11(16)	74(14)	-14(14)
C16	456(19)	592(21)	847(27)	-82(15)	47(18)	98(18)
N 2	452(15)	415(14)	514(15)	3(11)	48(11)	64(12)
C17	735(30)	1169(36)	783(30)	134(26)	128(23)	211(26)
C18	706(24)	732(26)	398(18)	41(19)	45(15)	66(16)
C19	692(23)	632(22)	427(18)	-119(18)	80(16)	40(16)
C20	718(24)	415(18)	365(16)	17(16)	96(15)	31(13)
C21	593(19)	454(17)	227(14)	6(15)	16(13)	-14(12)
C22	722(24)	490(19)	436(18)	-13(17)	6(15)	-41(16)
C23	745(25)	590(22)	514(20)	172(19)	16(17)	-19(17)
S	639(5)	537(5)	329(4)	-5(4)	85(3)	-32(4)
O 1	779(18)	581(15)	871(18)	-146(13)	261(14)	-36(14)
O 2	660(16)	1027(19)	494(14)	93(14)	27(11)	198(13)
O 3	874(18)	904(18)	531(15)	69(14)	119(13)	-275(13)

The form of the displacement factor is:

$$\exp -2\pi^2(U_{11}h^2a^{*2} + U_{22}k^2b^{*2} + U_{33}l^2c^{*2} + 2U_{12}hka^*b^* + 2U_{13}hla^*c^* + 2U_{23}klb^*c^*)$$

Table S2D. Complete Distances and Angles for
4'-Dimethylamino-N-methyl-4-stilbazolium Tosylate.

I-1147-m17

Distance(Å)		Distance(Å)	
N 1 -C 1	1.444(4)	C17 -H17F	0.961(4)
N 1 -C 2	1.443(4)	C18 -C19	1.388(5)
N 1 -C 3	1.373(4)	C18 -C23	1.385(5)
C 1 -H 1A	0.966(3)	C19 -C20	1.388(5)
C 1 -H 1B	0.976(3)	C19 -H19	0.952(3)
C 1 -H 1C	0.956(3)	C20 -C21	1.391(4)
C 2 -H 2A	0.947(3)	C20 -H20	0.947(3)
C 2 -H 2B	0.976(3)	C21 -C22	1.383(4)
C 2 -H 2C	0.974(3)	C21 -S	1.786(3)
C 2 -H 2D	0.953(3)	C22 -C23	1.384(5)
C 2 -H 2E	0.959(3)	C22 -H22	0.945(3)
C 2 -H 2F	0.984(3)	C23 -H23	0.943(4)
C 3 -C 4	1.400(4)	S -O 1	1.446(3)
C 3 -C 8	1.411(4)	S -O 2	1.445(3)
C 4 -C 5	1.380(4)	S -O 3	1.434(3)
C 4 -H 4	0.950(3)		
C 5 -C 6	1.395(4)		
C 5 -H 5	0.948(3)		
C 6 -C 7	1.401(4)		
C 6 -C 9	1.451(4)		
C 7 -C 8	1.380(4)		
C 7 -H 7	0.950(3)		
C 8 -H 8	0.951(3)		
C 9 -C10	1.337(4)		
C 9 -H 9	0.949(3)		
C10 -C11	1.449(4)		
C10 -H10	0.951(3)		
C11 -C12	1.396(4)		
C11 -C15	1.392(4)		
C12 -C13	1.357(4)		
C12 -H12	0.952(3)		
C13 -N 2	1.347(4)		
C13 -H13	0.952(3)		
C14 -C15	1.365(4)		
C14 -N 2	1.344(4)		
C14 -H14	0.949(3)		
C15 -H15	0.950(3)		
C16 -N 2	1.473(4)		
C16 -H16A	0.950(4)		
C16 -H16B	0.976(4)		
C16 -H16C	0.959(4)		
C17 -C18	1.513(6)		
C17 -H17A	0.948(4)		
C17 -H17B	0.971(4)		
C17 -H17C	0.970(4)		
C17 -H17D	0.951(4)		
C17 -H17E	0.977(4)		

Table S2D. (Cont.)

I-1147-m18

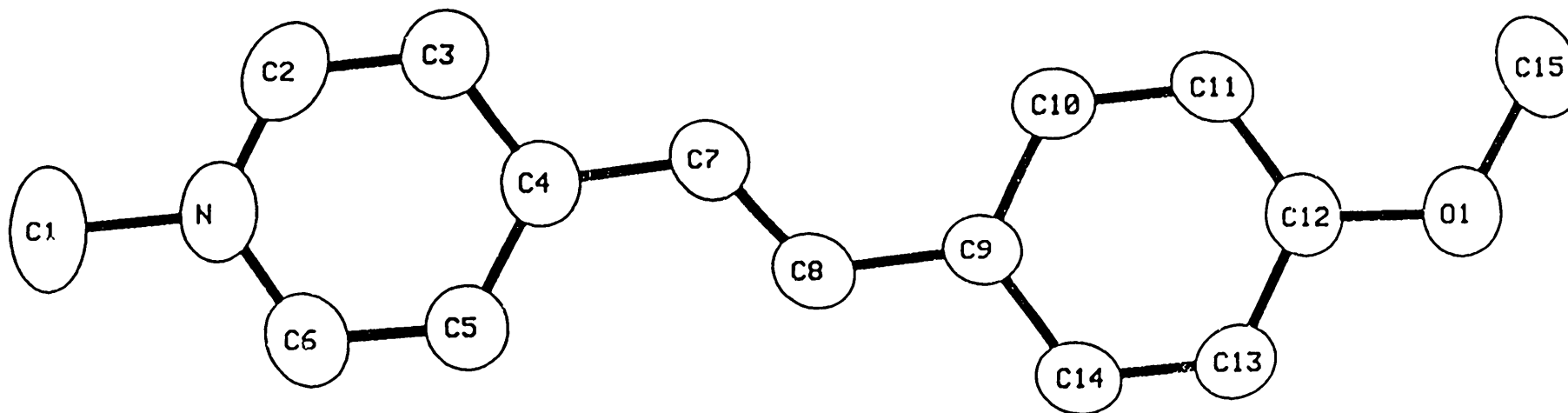
Angle(°)		Angle(°)	
C 2 -N 1 -C 1	116.6(3)	C15 -C11 -C12	116.8(3)
C 3 -N 1 -C 1	120.8(3)	C13 -C12 -C11	120.0(3)
C 3 -N 1 -C 2	122.4(3)	H12 -C12 -C11	120.0(3)
H 1A-C 1 -N 1	111.6(3)	H12 -C12 -C13	120.0(3)
H 1B-C 1 -N 1	110.7(3)	N 2 -C13 -C12	121.9(3)
H 1C-C 1 -N 1	111.7(3)	H13 -C13 -C12	119.4(3)
H 1B-C 1 -H 1A	106.7(3)	H13 -C13 -N 2	118.7(3)
H 1C-C 1 -H 1A	108.4(3)	N 2 -C14 -C15	120.6(3)
H 1C-C 1 -H 1B	107.5(3)	H14 -C14 -C15	119.8(3)
H 2A-C 2 -N 1	112.1(3)	H14 -C14 -N 2	119.6(3)
H 2B-C 2 -N 1	110.7(3)	C14 -C15 -C11	121.2(3)
H 2C-C 2 -N 1	110.8(3)	H15 -C15 -C11	119.4(3)
H 2D-C 2 -N 1	111.8(3)	H15 -C15 -C14	119.4(3)
H 2E-C 2 -N 1	111.5(3)	H16A-C16 -N 2	111.7(3)
H 2F-C 2 -N 1	110.3(3)	H16B-C16 -N 2	109.6(3)
H 2B-C 2 -H 2A	108.3(3)	H16C-C16 -N 2	110.7(3)
H 2C-C 2 -H 2A	108.6(3)	H16B-C16 -H16A	108.0(3)
H 2C-C 2 -H 2B	106.2(3)	H16C-C16 -H16A	109.4(4)
H 2E-C 2 -H 2D	109.2(3)	H16C-C16 -H16B	107.3(3)
H 2F-C 2 -H 2D	107.1(3)	C14 -N 2 -C13	119.6(3)
H 2F-C 2 -H 2E	106.8(3)	C16 -N 2 -C13	120.4(3)
C 4 -C 3 -N 1	121.5(3)	C16 -N 2 -C14	120.0(3)
C 8 -C 3 -N 1	121.0(3)	H17A-C17 -C18	112.1(4)
C 8 -C 3 -C 4	117.5(3)	H17B-C17 -C18	111.0(4)
C 5 -C 4 -C 3	120.4(3)	H17C-C17 -C18	109.5(4)
H 4 -C 4 -C 3	119.8(3)	H17D-C17 -C18	112.4(4)
H 4 -C 4 -C 5	119.8(3)	H17E-C17 -C18	110.0(4)
C 6 -C 5 -C 4	122.8(3)	H17F-C17 -C18	110.2(4)
H 5 -C 5 -C 4	118.1(3)	H17B-C17 -H17A	108.7(4)
H 5 -C 5 -C 6	119.1(3)	H17C-C17 -H17A	108.6(4)
C 7 -C 6 -C 5	116.4(3)	H17E-C17 -H17D	107.8(4)
C 9 -C 6 -C 5	119.7(3)	H17F-C17 -H17D	109.2(4)
C 9 -C 6 -C 7	123.9(3)	H17F-C17 -H17E	107.1(4)
C 8 -C 7 -C 6	121.8(3)	C19 -C18 -C17	120.6(3)
H 7 -C 7 -C 6	119.1(3)	C23 -C18 -C17	121.2(3)
H 7 -C 7 -C 8	119.1(3)	C23 -C18 -C19	118.2(3)
C 7 -C 8 -C 3	121.0(3)	C20 -C19 -C18	121.0(3)
H 8 -C 8 -C 3	119.2(3)	H19 -C19 -C18	119.3(3)
H 8 -C 8 -C 7	119.8(3)	H19 -C19 -C20	119.7(3)
C10 -C 9 -C 6	126.9(3)	C21 -C20 -C19	120.5(3)
H 9 -C 9 -C 6	116.1(3)	H20 -C20 -C19	118.9(3)
H 9 -C 9 -C10	117.0(3)	H20 -C20 -C21	120.6(3)
C11 -C10 -C 9	124.8(3)	C22 -C21 -C20	118.3(3)
H10 -C10 -C 9	117.4(3)	S -C21 -C20	119.6(2)
H10 -C10 -C11	117.7(3)	S -C21 -C22	122.1(2)
C12 -C11 -C10	124.0(3)	C23 -C22 -C21	121.0(3)
C15 -C11 -C10	119.2(3)	H22 -C22 -C21	119.8(3)

Table S2D. (Cont.)

Angle(°)

I-1147-m19

H22 -C22 -C23	119.1(3)
C22 -C23 -C18	120.9(3)
H23 -C23 -C18	119.0(4)
H23 -C23 -C22	120.0(3)
O 1 -S -C21	106.4(1)
O 2 -S -C21	104.9(1)
O 3 -S -C21	105.5(1)
O 2 -S -O 1	113.0(1)
O 3 -S -O 1	113.2(2)
O 3 -S -O 2	112.9(2)



Labelled drawing of the cation of 4'-methoxy-N-methyl-4-stilbazolium tosylate with 50% probability ellipsoids. Hydrogen atoms are not shown.

I-1147-m30

Table S4A. Final Refined Parameters for
4'-Methoxy-N-methyl-4-stilbazolium Tosylate.

I-1147-m21

x, y, z and $U_{eq}^a \times 10^4$

Atom	x	y	z	U_{eq}
C1	2180(7)	16574(7)	97(3)	740(13)
N	2507(4)	14675(5)	577(2)	552(8)
C2	3843(5)	14077(7)	707(3)	630(10)
C3	4144(4)	12306(7)	1140(2)	588(9)
C4	3078(4)	11087(6)	1455(2)	473(7)
C5	1704(4)	11753(7)	1298(2)	557(8)
C6	1445(5)	13542(7)	866(3)	585(9)
C7	3448(4)	9215(6)	1918(2)	500(8)
C8	2557(4)	8017(6)	2310(2)	483(7)
C9	2913(3)	6156(5)	2785(2)	418(7)
C10	4267(4)	5372(6)	2850(3)	531(9)
C11	4575(4)	3607(7)	3302(3)	533(8)
C12	3526(4)	2566(6)	3699(2)	459(7)
C13	2166(4)	3309(7)	3637(3)	542(8)
C14	1869(4)	5073(7)	3194(2)	527(8)
O1	3706(3)	807(5)	4156(2)	634(7)
C15	5043(6)	-122(9)	4170(4)	753(12)
O2	867(4)	3073(10)	8633(3)	1293(18)
O3	3261(5)	3300(10)	8503(3)	1367(18)
O4	2307(11)	515(8)	9191(3)	1904(32)
S	2121(.9)	1990	8564(.5)	489(2)
C16	1960(3)	626(5)	7597(2)	424(7)
C17	2128(4)	1657(6)	6845(2)	482(8)

I-1147-m22

Table S4A. (Cont.)

Atom	<i>x</i>	<i>y</i>	<i>z</i>	U_{eq}
C18	1955(4)	644(7)	6085(2)	565(9)
C19	1591(4)	-1435(7)	6056(2)	544(8)
C20	1450(4)	-2452(6)	6818(3)	554(9)
C21	1635(4)	-1443(6)	7583(3)	486(7)
C22	1376(6)	-2511(11)	5227(4)	828(14)

$$^a U_{eq} = \frac{1}{3} \sum_i \sum_j [U_{ij}(a_i^* a_j^*)(\vec{a}_i \cdot \vec{a}_j)]$$

Table S4B. Assigned Parameters for
4'-Methoxy-N-methyl-4-stilbazolium Tosylate.

I-1147-m23

x, y and $z \times 10^4$

Atom	x	y	z	B
H2	4546(51)	15058(84)	460(29)	6.0
H3	5170(46)	11942(93)	1246(26)	5.5
H5	812(46)	10949(75)	1526(27)	5.2
H6	482(47)	14125(80)	752(26)	5.5
H7	4505(45)	8970(72)	1952(25)	4.7
H8	1512(43)	8514(70)	2313(25)	4.6
H10	5066(43)	6244(70)	2570(27)	5.0
H11	5542(48)	3196(73)	3342(26)	5.0
H13	1547(49)	2772(70)	3947(29)	5.1
H14	929(47)	5616(74)	3148(26)	5.0
H17	2365(45)	2995(73)	6863(26)	4.5
H18	2102(46)	1320(69)	5524(29)	5.2
H20	1109(48)	-3993(79)	6816(28)	5.2
H21	1643(44)	-2163(69)	8029(26)	4.6
H1A	1336(57)	17382(94)	367(32)	6.9
H1B	2001(53)	16186(81)	-515(35)	6.9
H1C	3127(56)	17516(94)	195(32)	6.9
H15A	5416(56)	-178(95)	3591(34)	7.1
H15B	4845(57)	-1401(95)	4501(32)	7.1
H15C	5868(58)	696(95)	4504(33)	7.1
H22A	530(58)	-2491(102)	5039(37)	7.8
H22B	1335(62)	-4105(106)	5325(39)	7.8
H22C	1995(64)	-2127(98)	4847(37)	7.8
O2A	1055	1372	9098	13.6
O3A	1964	4112	8407	13.6
O4A	3442	1554	8957	13.6

Table S4C. Anisotropic Displacement Parameters for
4'-Methoxy-N-methyl-4-stilbazolium Tosylate.

I-1147-may

Atom	U_{11}	U_{22}	U_{33}	U_{12}	U_{13}	U_{23}
C1	1213(43)	472(25)	529(22)	60(24)	-62(25)	23(17)
N	781(23)	417(16)	457(15)	17(16)	15(15)	-30(13)
C2	749(28)	613(24)	533(20)	-105(22)	78(19)	41(18)
C3	583(21)	637(27)	543(19)	-15(20)	13(16)	35(18)
C4	545(20)	461(17)	411(16)	1(16)	-21(14)	-42(14)
C5	557(20)	518(21)	594(19)	11(19)	8(16)	17(18)
C6	662(23)	512(20)	579(21)	76(20)	-28(18)	-15(17)
C7	483(19)	475(18)	539(18)	20(15)	-53(15)	-6(15)
C8	442(17)	508(19)	496(18)	44(16)	-22(14)	-38(15)
C9	382(16)	429(16)	442(16)	-7(13)	-17(13)	-64(13)
C10	374(17)	560(21)	659(23)	-34(16)	-8(15)	48(18)
C11	345(16)	586(22)	666(22)	44(16)	-27(15)	61(18)
C12	507(17)	503(20)	363(16)	27(15)	-35(13)	-8(13)
C13	438(18)	623(23)	570(20)	4(17)	113(16)	113(18)
C14	394(18)	625(23)	562(20)	51(16)	37(15)	19(16)
O1	625(17)	645(17)	635(16)	64(14)	59(13)	181(14)
C15	718(29)	696(28)	838(31)	162(24)	-94(25)	169(25)
O2	624(24)	1910(62)	1339(41)	411(30)	-74(23)	-1031(42)
O3	965(34)	1829(60)	1341(42)	-907(38)	564(29)	-1042(42)
O4	4515(151)	611(26)	544(25)	231(51)	-576(46)	-8(19)
S	488(4)	472(4)	506(4)	-15(4)	16(3)	-70(4)
C16	351(15)	404(16)	516(18)	21(13)	0(13)	-19(14)
C17	425(17)	482(21)	541(18)	-25(15)	48(14)	46(15)
C18	488(19)	715(26)	494(20)	40(19)	34(16)	37(18)
C19	377(16)	692(24)	561(21)	51(17)	6(15)	-140(18)
C20	473(18)	403(20)	783(25)	33(15)	-18(17)	-120(16)
C21	526(18)	375(16)	556(20)	-4(16)	14(16)	36(15)
C22	634(25)	1111(48)	738(29)	-3(29)	-11(22)	-361(30)

The form of the displacement parameter is:

$$\exp -2\pi^2 (U_{11}h^2a^{*2} + U_{22}k^2b^{*2} + U_{33}l^2c^{*2} + 2U_{12}hka^*b^* + 2U_{13}hla^*c^* + 2U_{23}klb^*c^*)$$

Table S4D. Complete Distances and Angles for
4'-Methoxy-N-methyl-4-stilbazolium Tosylate.

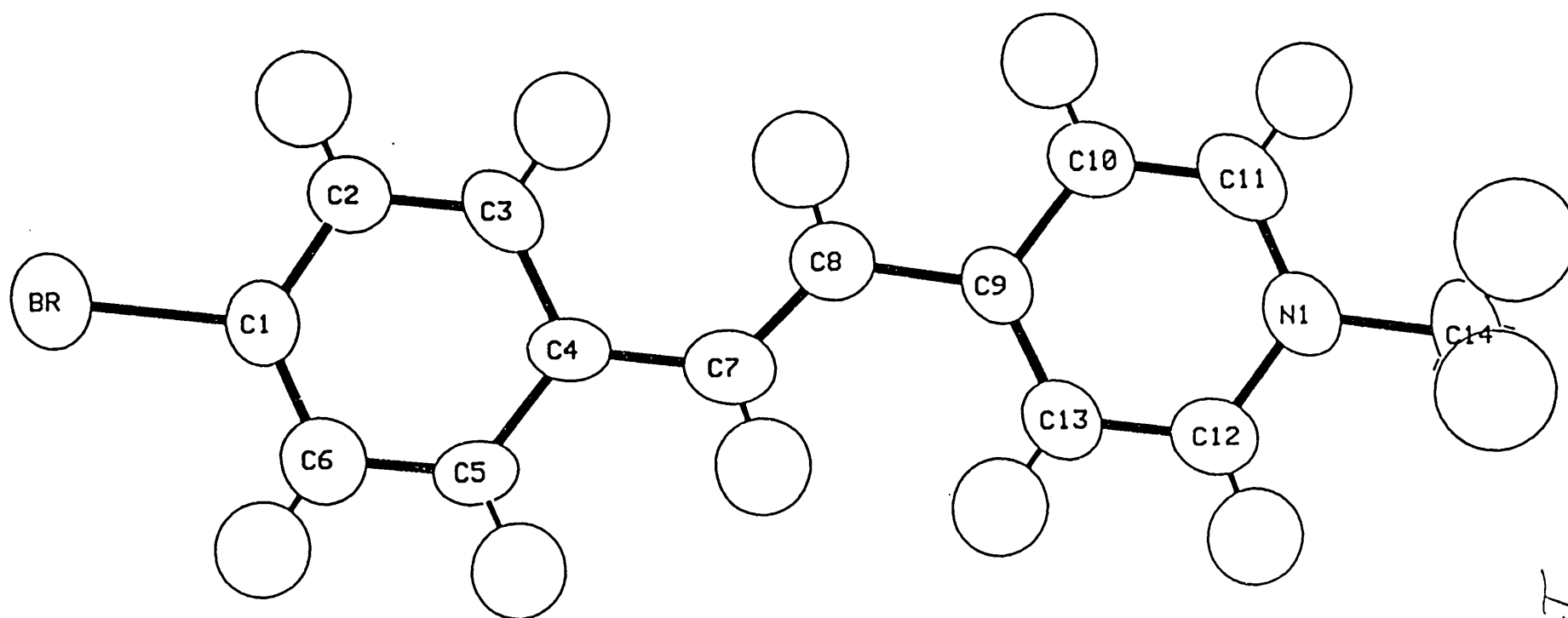
I-1147-m25

Distance(Å)		Distance(Å)	
C1 -N	1.481(6)	C19 -C20	1.391(6)
C1 -H1 A	1.07(6)	C19 -C22	1.501(7)
C1 -H1 B	1.01(5)	C20 -C21	1.389(6)
C1 -H1 C	1.10(6)	C20 -H20	1.06(5)
N -C2	1.346(6)	C21 -H21	0.85(4)
N -C6	1.347(5)	C22 -H22A	0.85(6)
C2 -C3	1.369(6)	C22 -H22B	1.05(6)
C2 -H2	1.02(5)	C22 -H22C	0.89(6)
C3 -C4	1.398(6)	C17 -H17	0.90(4)
C3 -H3	1.02(5)	C18 -C19	1.398(6)
C4 -C5	1.399(5)	C18 -H18	1.01(5)
C4 -C7	1.462(5)		
C5 -C6	1.371(6)		
C5 -H5	1.07(5)		
C6 -H6	1.01(5)		
C7 -C8	1.325(5)		
C7 -H7	1.02(4)		
C8 -C9	1.463(5)		
C8 -H8	1.05(4)		
C9 -C10	1.393(5)		
C9 -C14	1.399(5)		
C10 -C11	1.382(6)		
C10 -H10	1.06(4)		
C11 -C12	1.380(5)		
C11 -H11	0.96(5)		
C12 -C13	1.389(5)		
C12 -O1	1.364(5)		
C13 -C14	1.372(6)		
C13 -H13	0.86(5)		
C14 -H14	0.97(5)		
O1 -C15	1.414(6)		
C15 -H15A	1.00(6)		
C15 -H15B	1.01(6)		
C15 -H15C	1.08(6)		
O2 -S	1.398(5)		
O3 -S	1.391(6)		
O4 -S	1.392(7)		
S -C16	1.779(3)		
S -O2A	1.406		
S -O3A	1.411		
S -O4A	1.421		
C16 -C17	1.385(5)		
C16 -C21	1.382(5)		
C17 -C18	1.382(6)		

Table S4D. (Cont.)

I-1147-m26

Angle(°)		Angle(°)	
H1 A -C1 -N	110.8(30)	H14 -C14 -C13	121.4(27)
H1 B -C1 -N	108.3(30)	C15 -O1 -C12	117.8(3)
H1 C -C1 -N	103.4(29)	H15A -C15 -O1	110.4(33)
H1 B -C1 -H1 A	113.7(42)	H15B -C15 -O1	100.3(32)
H1 C -C1 -H1 A	107.3(42)	H15C -C15 -O1	116.4(30)
H1 C -C1 -H1 B	112.9(42)	H15B -C15 -H15A	122.1(46)
C2 -N -C1	120.3(4)	H15C -C15 -H15A	101.3(45)
C6 -N -C1	118.9(4)	H15C -C15 -H15B	107.3(44)
C6 -N -C2	120.8(4)	O3 -S -O2	111.9(3)
C3 -C2 -N	120.3(4)	O4 -S -O2	112.5(4)
H2 -C2 -N	113.3(28)	C16 -S -O2	105.6(2)
H2 -C2 -C3	126.3(28)	O4 -S -O3	112.9(4)
C4 -C3 -C2	120.9(4)	C16 -S -O3	107.0(3)
H3 -C3 -C2	117.8(28)	C16 -S -O4	106.3(3)
H3 -C3 -C4	121.2(28)	O2A -S -C16	109.6
C5 -C4 -C3	116.8(3)	O3A -S -C16	109.3
C7 -C4 -C3	119.1(3)	O4A -S -C16	109.4
C7 -C4 -C5	124.1(3)	O3A -S -O2A	108.2
C6 -C5 -C4	120.5(4)	O4A -S -O2A	109.2
H5 -C5 -C4	122.7(24)	O4A -S -O3A	111.2
H5 -C5 -C6	116.8(24)	C17 -C16 -S	119.7(3)
C5 -C6 -N	120.7(4)	C21 -C16 -S	120.9(3)
H6 -C6 -N	115.3(27)	C21 -C16 -C17	119.4(3)
H6 -C6 -C5	124.1(27)	C18 -C17 -C16	120.6(3)
C8 -C7 -C4	125.3(3)	H17 -C17 -C16	118.5(28)
H7 -C7 -C4	112.3(25)	H17 -C17 -C18	120.9(28)
H7 -C7 -C8	122.2(25)	C19 -C18 -C17	121.0(4)
C9 -C8 -C7	126.0(3)	H18 -C18 -C17	123.3(26)
H8 -C8 -C7	116.6(23)	H18 -C18 -C19	115.7(26)
H8 -C8 -C9	117.3(23)	C20 -C19 -C18	117.5(4)
C10 -C9 -C8	122.8(3)	C22 -C19 -C18	120.6(4)
C14 -C9 -C8	120.0(3)	C22 -C19 -C20	121.8(4)
C14 -C9 -C10	117.2(3)	C21 -C20 -C19	121.6(4)
C11 -C10 -C9	121.7(4)	H20 -C20 -C19	119.3(26)
H10 -C10 -C9	116.9(24)	H20 -C20 -C21	118.8(26)
H10 -C10 -C11	121.2(24)	C20 -C21 -C16	119.8(3)
C12 -C11 -C10	120.0(4)	H21 -C21 -C16	121.8(29)
H11 -C11 -C10	117.1(27)	H21 -C21 -C20	117.9(29)
H11 -C11 -C12	122.9(27)	H22A -C22 -C19	113.8(41)
C13 -C12 -C11	119.3(3)	H22B -C22 -C19	109.7(35)
O1 -C12 -C11	125.1(3)	H22C -C22 -C19	112.8(40)
O1 -C12 -C13	115.7(3)	H22B -C22 -H22A	91.6(53)
C14 -C13 -C12	120.4(4)	H22C -C22 -H22A	113.4(57)
H13 -C13 -C12	118.6(31)	H22C -C22 -H22B	113.9(53)
H13 -C13 -C14	120.1(31)		
C13 -C14 -C9	121.4(4)		
H14 -C14 -C9	117.2(27)		



Labelled drawing of the cation of 4'-bromo-N-methyl-4-stilbazolium chloride·4H₂O
with 50% probability ellipsoids.

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Table S5A. Final Heavy Atom Parameters for
4'-Bromo-N-methyl-4-stilbazolium Chloride.

x, y, z and $U_{eq}^a \times 10^4$				
Atom	x	y	z	U_{eq}
Br	3922(1)	2291(1)	0	737(3)
C1	4325(5)	2391(12)	1267(5)	495(23)
C2	3827(5)	2119(11)	2024(7)	550(26)
C3	4120(6)	2204(13)	2944(6)	564(27)
C4	4881(6)	2547(17)	3123(8)	454(26)
C5	5349(5)	2815(16)	2333(8)	511(32)
C6	5077(5)	2747(13)	1409(7)	602(28)
C7	5192(7)	2609(16)	4085(8)	544(34)
C8	4826(4)	2357(11)	4897(10)	524(20)
C9	5174(7)	2434(17)	5867(7)	458(31)
C10	4710(6)	2132(17)	6659(7)	570(32)
C11	5009(7)	2250(17)	7557(9)	665(33)
N1	5742(5)	2634(12)	7697(6)	526(21)
C12	6213(5)	2888(12)	6944(7)	586(27)
C13	5918(5)	2797(12)	6035(6)	544(25)
C14	6075(6)	2751(14)	8689(6)	839(32)
Cl	2456(1)	2261(3)	4383(2)	688(6)
O1	3054(7)	-576(17)	6022(8)	1042(36)
O2	2060(7)	-622(17)	2697(7)	1086(38)
O3	1935(7)	5534(13)	2943(8)	1085(38)
O4	3144(7)	5500(12)	5822(10)	909(30)

$$^a U_{eq} = \frac{1}{3} \sum_i \sum_j [U_{ij} (a_i^* a_j^*) (\vec{a}_i \cdot \vec{a}_j)]$$

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Table S5B. Hydrogen Atom Parameters for
4'-Bromo-N-methyl-4-stilbazolium Chloride.

x, y and $z \times 10^4$				
Atom	x	y	z	B
HO1A	2937(90)	-1493(181)	5981(108)	12.2(64)
HO1B	3013(60)	104(128)	5600(63)	5.4(33)
HO2A	2009(57)	-1611(130)	2866(71)	5.2(34)
HO2B	2213(68)	53(162)	3129(83)	9.1(46)
HO3A	2021(54)	5280(111)	2416(56)	3.9(26)
HO3B	2117(62)	4673(146)	3218(76)	6.4(38)
HO4A	2887(76)	5119(186)	6230(100)	9.8(59)
HO4B	2755(54)	5151(131)	5492(60)	5.7(32)
H2	3308	1866	1900	6.0
H3	3770	2042	3467	6.0
H5	5875	3047	2436	6.0
H6	5413	2956	887	6.0
H7	5720	2825	4119	6.0
H8	4299	2092	4872	6.0
H10	4182	1865	6568	6.0
H11	4695	1966	8088	6.0
H12	6744	3128	7032	6.0
H13	6247	2994	5509	6.0
H14A	5691	2514	9145	10.0
H14B	6268	4001	8776	10.0
H14C	6469	1865	8743	10.0

Table S5C. Anisotropic Displacement Parameters for
4'-Bromo-N-methyl-4-stilbazolium Chloride.

Atom	U_{11}	U_{22}	U_{33}	U_{12}	U_{13}	U_{23}
Br	772(6)	914(7)	524(5)	52(8)	-10(9)	-11(21)
C1	594(62)	442(50)	449(55)	87(56)	-16(49)	-10(52)
C2	486(63)	607(61)	557(64)	76(59)	59(55)	-30(58)
C3	649(78)	584(59)	459(61)	67(64)	156(50)	11(53)
C4	368(63)	426(55)	569(73)	-5(59)	71(66)	58(70)
C5	304(66)	621(75)	608(74)	18(64)	56(71)	-27(65)
C6	615(75)	596(63)	595(71)	43(60)	44(50)	-24(62)
C7	521(87)	436(60)	674(103)	-1(75)	95(68)	-17(69)
C8	521(42)	472(47)	579(60)	12(46)	39(80)	0(85)
C9	518(91)	469(63)	386(73)	51(74)	61(64)	-19(71)
C10	553(79)	585(78)	571(79)	-83(62)	119(69)	-47(61)
C11	755(90)	694(81)	546(73)	-26(75)	206(73)	16(78)
N1	622(63)	501(47)	456(47)	80(53)	88(49)	15(50)
C12	534(69)	623(63)	601(66)	-11(57)	83(58)	20(60)
C13	597(69)	550(56)	485(56)	27(60)	70(53)	45(57)
C14	1042(79)	1093(79)	383(51)	44(94)	22(61)	12(61)
Cl	738(16)	776(15)	549(13)	5(20)	142(11)	5(26)
O1	1451(102)	774(73)	901(82)	-55(65)	-348(67)	158(60)
O2	1785(117)	733(69)	739(72)	111(70)	-154(68)	-45(58)
O3	1921(112)	673(64)	660(69)	50(61)	-276(71)	-16(54)
O4	1028(83)	848(59)	852(78)	-123(53)	-232(72)	-17(51)

$U_{i,j}$ values have been multiplied by 10^4

The form of the displacement factor is:

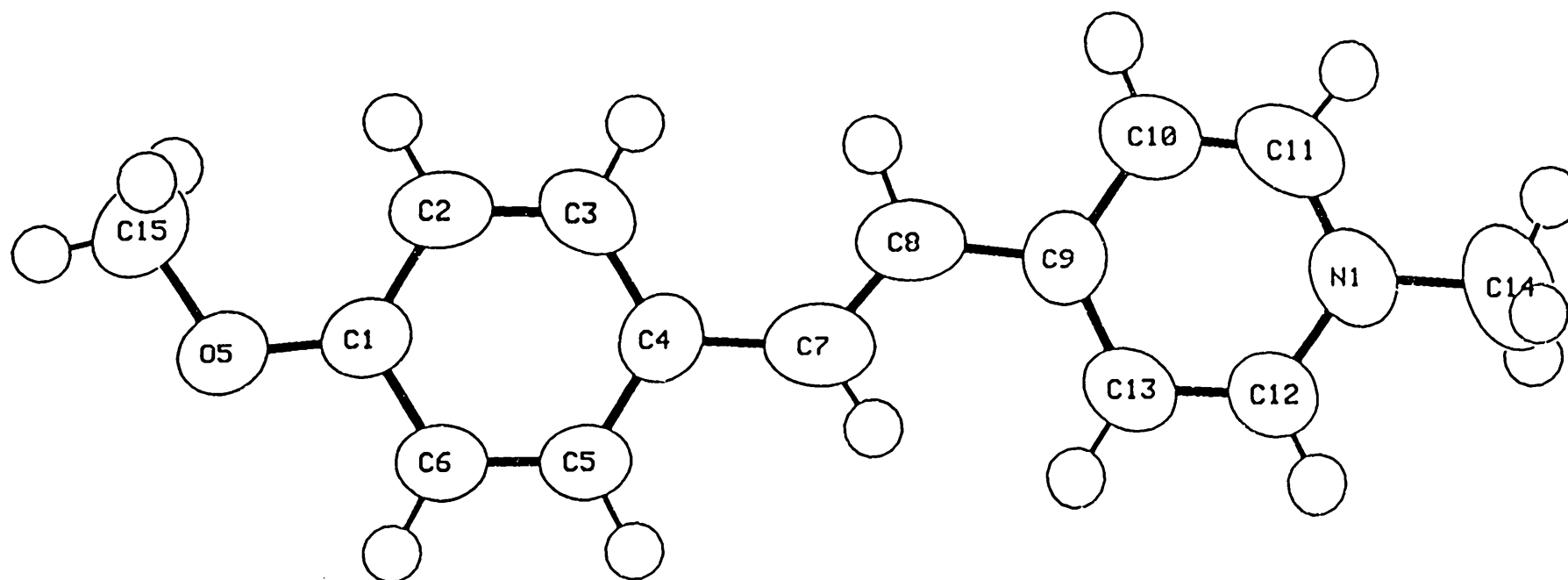
$$\exp -2\pi^2 (U_{11}h^2a^{*2} + U_{22}k^2b^{*2} + U_{33}l^2c^{*2} + 2U_{12}hka^*b^* + 2U_{13}hla^*c^* + 2U_{23}k\ell b^*c^*)$$

Table S5D. Complete Distances and Angles for
4'-Bromo-N-methyl-4-stilbazolium Chloride.

Distance(Å)		Angle(°)	
BR -C1	1.906	C2 -C1 -BR	117.7(6)
C1 -C2	1.387(12)	C6 -C1 -BR	120.3(6)
C1 -C6	1.364(12)	C6 -C1 -C2	122.0(8)
C2 -C3	1.384(12)	C3 -C2 -C1	117.6(8)
C2 -H2	0.947	H2 -C2 -C1	119.8(8)
C3 -C4	1.387(14)	H2 -C2 -C3	122.6(9)
C3 -H3	0.961	C4 -C3 -C2	122.4(9)
C4 -C5	1.390(15)	H3 -C3 -C2	117.3(9)
C4 -C7	1.449(16)	H3 -C3 -C4	120.3(9)
C5 -C6	1.375(14)	C5 -C4 -C3	117.1(10)
C5 -H5	0.951	C7 -C4 -C3	122.6(10)
C6 -H6	0.951	C7 -C4 -C5	120.3(10)
C7 -C8	1.315(15)	C6 -C5 -C4	122.0(10)
C7 -H7	0.945	H5 -C5 -C4	118.8(10)
C8 -C9	1.486(14)	H5 -C5 -C6	119.1(10)
C8 -H8	0.950	C5 -C6 -C1	118.8(9)
C9 -C10	1.392(15)	H6 -C6 -C1	121.5(9)
C9 -C13	1.356(14)	H6 -C6 -C5	119.7(9)
C10 -C11	1.360(16)	C8 -C7 -C4	127.4(10)
C10 -H10	0.958	H7 -C7 -C4	115.1(11)
C11 -N1	1.336(14)	H7 -C7 -C8	117.5(11)
C11 -H11	0.947	C9 -C8 -C7	125.2(9)
N1 -C12	1.350(12)	H8 -C8 -C7	118.4(10)
N1 -C14	1.505(13)	H8 -C8 -C9	116.4(9)
C12 -C13	1.372(12)	C10 -C9 -C8	118.3(9)
C12 -H12	0.960	C13 -C9 -C8	124.3(9)
C13 -H13	0.947	C13 -C9 -C10	117.3(10)
C14 -H14A	0.944	C11 -C10 -C9	119.6(10)
C14 -H14B	0.955	H10 -C10 -C9	119.7(10)
C14 -H14C	0.938	H10 -C10 -C11	120.7(11)
O1 -HO1A	0.68(15)	N1 -C11 -C10	121.5(11)
O1 -HO1B	0.76(10)	H11 -C11 -C10	118.7(12)
O2 -HO2A	0.74(10)	H11 -C11 -N1	119.7(11)
O2 -HO2B	0.81(12)	C12 -N1 -C11	120.5(9)
O3 -HO3A	0.77(8)	C14 -N1 -C11	121.6(9)
O3 -HO3B	0.79(11)	C14 -N1 -C12	117.9(8)
O4 -HO4A	0.78(14)	C13 -C12 -N1	118.6(8)
O4 -HO4B	0.86(9)	H12 -C12 -N1	121.6(9)
		H12 -C12 -C13	119.8(9)
		C12 -C13 -C9	122.4(9)
		H13 -C13 -C9	119.1(9)
		H13 -C13 -C12	118.5(8)
		H14A -C14 -N1	109.2(8)
		H14B -C14 -N1	107.8(8)
		H14C -C14 -N1	109.0(8)
		H14B -C14 -H14A	109.6(9)
		H14C -C14 -H14A	111.1(10)

Table S5D. (Cont.)

Angle(°)		
H14C -C14 -H14B	110.1	(10)
HO1B -O1 -HO1A	120.3	(142)
HO2B -O2 -HO2A	110.9	(112)
HO3B -O3 -HO3A	101.7	(100)
HO4B -O4 -HO4A	80.0	(117)



Labelled drawing of the cation of 4'-methoxy-N-methyl-4-stilbazolium chloride·4H₂O with 50% probability ellipsoids. Hydrogen atoms are shown with arbitrary, small thermal parameters.

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Table S6A. Final Heavy Atom Parameters for
4'-Methoxy-N-methyl-4-stilbazolium Chloride.

Atom	x, y, z and $U_{eq}^a \times 10^4$			U_{eq}
	x	y	z	
Cl	2433(1)	2167(1)	4366	750(2)
C15	3641(3)	2104(7)	13(4)	967(14)
O5	4374(2)	2459(4)	319(3)	764(8)
C1	4511(2)	2460(5)	1273(3)	593(11)
C2	3994(2)	2106(5)	1992(4)	676(12)
C3	4221(2)	2170(5)	2938(4)	684(12)
C4	4948(2)	2551(5)	3189(3)	614(11)
C5	5443(2)	2889(6)	2469(3)	654(12)
C6	5233(2)	2851(6)	1533(3)	655(12)
C7	5217(2)	2600(6)	4203(4)	763(13)
C8	4841(3)	2289(6)	4983(4)	783(13)
C9	5152(3)	2382(5)	5949(3)	644(11)
C10	4697(3)	2036(6)	6724(4)	768(14)
C11	4966(3)	2182(6)	7607(4)	839(16)
N1	5662(2)	2649(5)	7790(3)	725(10)
C12	6119(2)	2965(6)	7054(4)	710(12)
C13	5886(2)	2845(5)	6132(4)	682(12)
C14	5941(3)	2769(7)	8777(4)	1045(18)
O1	3087(3)	-572(7)	5974(3)	1081(14)
O2	2197(3)	-665(7)	2630(3)	1269(15)
O3	2103(3)	5503(6)	2838(4)	1297(19)
O4	3087(2)	5448(5)	5770(3)	948(10)

$$^a U_{eq} = \frac{1}{3} \sum_i \sum_j [U_{ij}(a_i^* a_j^*)(\vec{a}_i \cdot \vec{a}_j)]$$

Table S6B. Hydrogen Atom Parameters for
4'-Methoxy-N-methyl-4-stilbazolium Chloride.

x, y and $z \times 10^4$				
Atom	x	y	z	B
HO1A	3120(24)	-1476(54)	5851(35)	4.7(12)
HO1B	2885(36)	67(95)	5652(45)	11.4(23)
HO2A	2092(34)	-2083(10)	2782(46)	13.5(22)
HO2B	2277(24)	103(79)	3159(37)	8.7(13)
HO3A	2012(29)	5230(81)	2329(41)	8.7(17)
HO3B	2225(23)	4854(65)	3125(31)	5.3(12)
HO4A	2836(37)	4739(10)	6529(55)	16.9(24)
HO4B	2895(35)	4701(95)	5424(50)	12.2(22)
H2	3497	1848	1835	5.6
H3	3860	1970	3411	5.6
H5	5941	3149	2629	5.6
H6	5595	3110	1051	5.6
H7	5701	2902	4399	6.4
H8	4328	1963	4908	6.4
H10	4190	1686	6655	6.6
H11	4671	1932	8139	6.6
H12	6617	3271	7180	6.6
H13	6234	3111	5623	6.6
H14A	6242	3853	8822	8.9
H14B	6226	1641	8894	8.9
H14C	5542	2826	9208	8.9
H15A	3312	2847	356	8.5
H15B	3535	761	113	8.5
H15C	3599	2340	-665	8.5

Table S6C. Anisotropic Displacement Parameters for
4'-Methoxy-N-methyl-4-stilbazolium Chloride.

Atom	U_{11}	U_{22}	U_{33}	U_{12}	U_{13}	U_{23}
Cl	889(7)	756(5)	604(5)	15(6)	49(5)	-14(9)
C15	753(29)	1182(38)	966(36)	-8(26)	-172(28)	-29(29)
O5	613(17)	883(19)	797(23)	9(14)	-41(15)	-13(14)
C1	566(24)	426(23)	786(30)	46(18)	-17(24)	7(18)
C2	510(26)	533(24)	984(39)	32(18)	94(25)	24(21)
C3	741(31)	561(24)	750(33)	55(20)	212(24)	54(21)
C4	708(29)	430(21)	703(28)	12(19)	-72(24)	-34(19)
C5	537(26)	637(28)	788(31)	-52(18)	53(25)	5(21)
C6	561(26)	640(27)	764(33)	-39(18)	74(21)	-7(22)
C7	708(27)	468(23)	1112(40)	14(18)	157(29)	-32(24)
C8	647(24)	620(29)	1081(43)	1(18)	149(28)	-43(27)
C9	802(30)	466(22)	663(29)	52(21)	-39(25)	-34(20)
C10	752(31)	648(30)	905(38)	35(21)	152(30)	40(24)
C11	974(42)	625(29)	917(44)	68(26)	340(33)	52(24)
N1	966(29)	572(20)	637(24)	67(18)	100(24)	-9(17)
C12	740(27)	675(28)	714(31)	-20(20)	71(26)	41(21)
C13	752(31)	564(25)	729(33)	4(21)	156(23)	30(22)
C14	1561(55)	877(37)	697(35)	139(30)	71(34)	5(25)
O1	1482(37)	759(29)	1001(30)	100(26)	-454(25)	-44(26)
O2	2240(41)	823(28)	744(25)	126(28)	-163(24)	-118(19)
O3	2392(60)	648(28)	852(35)	-116(27)	-252(33)	84(22)
O4	1062(24)	792(22)	990(25)	-181(18)	-266(20)	11(19)

$U_{i,j}$ values have been multiplied by 10^4

The form of the displacement factor is:

$$\exp -2\pi^2 (U_{11}h^2a^{*2} + U_{22}k^2b^{*2} + U_{33}l^2c^{*2} + 2U_{12}hka^*b^* + 2U_{13}hla^*c^* + 2U_{23}k\ell b^*c^*)$$

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Table S6D. Complete Distances and Angles for
4'-Methoxy-N-methyl-4-stilbazolium Chloride.

Distance(Å)		Angle(°)	
C15 -O5	1.420(6)	H15A -C15 -O5	110.6(4)
C15 -H15A	0.927	H15B -C15 -O5	108.3(4)
C15 -H15B	0.975	H15C -C15 -O5	109.8(4)
C15 -H15C	0.965	H15B -C15 -H15A	110.1(5)
O5 -C1	1.355(5)	H15C -C15 -H15A	111.0(5)
C1 -C2	1.397(6)	H15C -C15 -H15B	107.0(5)
C1 -C6	1.387(6)	C1 -O5 -C15	117.9(3)
C2 -C3	1.385(6)	C2 -C1 -O5	125.6(4)
C2 -H2	0.946	C6 -C1 -O5	115.5(3)
C3 -C4	1.391(6)	C6 -C1 -C2	118.9(4)
C3 -H3	0.941	C3 -C2 -C1	118.6(4)
C4 -C5	1.368(6)	H2 -C2 -C1	120.7(4)
C4 -C7	1.498(6)	H2 -C2 -C3	120.7(4)
C5 -C6	1.361(6)	C4 -C3 -C2	121.9(4)
C5 -H5	0.950	H3 -C3 -C2	117.1(4)
C6 -H6	0.959	H3 -C3 -C4	120.9(4)
C7 -C8	1.304(7)	C5 -C4 -C3	118.2(4)
C7 -H7	0.946	C7 -C4 -C3	123.4(4)
C8 -C9	1.463(6)	C7 -C4 -C5	118.4(4)
C8 -H8	0.966	C6 -C5 -C4	121.1(4)
C9 -C10	1.383(6)	H5 -C5 -C4	119.1(4)
C9 -C13	1.396(6)	H5 -C5 -C6	119.8(4)
C10 -C11	1.329(7)	C5 -C6 -C1	121.3(4)
C10 -H10	0.957	H6 -C6 -C1	120.2(4)
C11 -N1	1.331(6)	H6 -C6 -C5	118.5(4)
C11 -H11	0.932	C8 -C7 -C4	128.0(4)
N1 -C12	1.339(6)	H7 -C7 -C4	125.6(4)
N1 -C14	1.471(7)	H7 -C7 -C8	106.3(4)
C12 -C13	1.358(6)	C9 -C8 -C7	124.1(4)
C12 -H12	0.946	H8 -C8 -C7	116.9(5)
C13 -H13	0.969	H8 -C8 -C9	118.9(4)
C14 -H14A	0.940	C10 -C9 -C8	118.8(4)
C14 -H14B	0.961	C13 -C9 -C8	123.2(4)
C14 -H14C	0.944	C13 -C9 -C10	118.0(4)
O1 -HO1A	0.66(4)	C11 -C10 -C9	119.4(4)
O1 -HO1B	0.73(7)	H10 -C10 -C9	122.7(5)
O2 -HO2A	1.04(7)	H10 -C10 -C11	117.9(5)
O2 -HO2B	0.93(5)	N1 -C11 -C10	123.1(5)
O3 -HO3A	0.75(6)	H11 -C11 -C10	120.8(5)
O3 -HO3B	0.65(4)	H11 -C11 -N1	116.1(5)
O4 -HO4A	1.26(7)	C12 -N1 -C11	118.9(4)
O4 -HO4B	0.79(7)	C14 -N1 -C11	121.5(4)
		C14 -N1 -C12	119.6(4)
		C13 -C12 -N1	121.6(4)
		H12 -C12 -N1	119.2(4)
		H12 -C12 -C13	119.2(4)
		C12 -C13 -C9	119.0(4)

Table S6D. (Cont.)

Angle(°)		
H13	-C13 -C9	122.3(4)
H13	-C13 -C12	118.7(4)
H14A	-C14 -N1	108.0(5)
H14B	-C14 -N1	107.3(5)
H14C	-C14 -N1	109.5(5)
H14B	-C14 -H14A	110.2(5)
H14C	-C14 -H14A	111.8(5)
H14C	-C14 -H14B	109.8(5)
HO1B	-O1 -HO1A	119.4(63)
HO2B	-O2 -HO2A	115.2(48)
HO4A	-O2 -HO2A	111.7(45)
HO4A	-O2 -HO2B	133.1(41)
HO3B	-O3 -HO3A	118.6(58)
HO4B	-O4 -HO4A	95.2(58)

Table S2E. Observed and Calculated Structure Factors for
4'-Dimethylamino-N-methyl-4-stilbazolium Tosylate

The columns contain, in order, ℓ , $10F_{obs}$, $10F_{calc}$ and $10\left(\frac{F_{obs}^2 - F_{calc}^2}{\sigma F_{obs}^2}\right)$.
A minus sign preceding F_{obs} indicates that F_{obs}^2 is negative.

-12	0	1		6	51	45	9	9	83	82	1	4	54	51	4
				7	159	159	1	10	25	43	-14	5	27	39	-14
2	46	46	0	8	41	27	16					6	55	51	6
4	35	41	-5	9	108	97	20		-9	9	1	7	41	34	7
				10	20	30	-8					8	98	90	12
-12	2	1		11	77	75	5	1	18	42	-25	9	-23	31	-29
								2	-17	4	-5	10	57	54	5
								3	47	49	-1				
1	44	40	4	-10	6	1									
2	45	48	-4												
3	41	46	-7	1	127	111	37		-8	0	1	1	51	57	-10
4	68	57	18	2	88	84	9	2	131	126	11	2	73	85	-23
				3	87	90	-6	4	691	673	23	3	23	22	1
-11	1	1		4	126	122	9	6	564	557	10	4	48	56	-8
				5	207	203	9	8	692	699	-8				
1	117	116	3	6	186	176	25	10	249	255	-11				
2	55	49	9	7	42	53	-16	12	164	166	-3	-7	1	1	
3	29	34	-6	8	87	94	-14	14	155	149	11	1	166	157	28
4	-9	35	-26					16	83	72	15	2	118	117	2
5	53	61	-13	-9	1	1						3	188	179	27
6	43	50	-10									4	51	52	-3
7	89	95	-14	1	22	31	-10		-8	2	1	5	224	226	-6
8	40	43	-3	2	40	43	-5	1	167	166	5	6	161	161	0
9	66	59	13	3	82	79	7	2	63	64	-4	7	39	44	-10
10	-7	20	-8	4	92	90	6	3	46	42	6	8	189	195	-17
				5	177	180	-9	4	33	41	-12	9	221	223	-6
-11	3	1		6	28	27	0	5	195	203	-23	10	24	30	-7
				7	88	86	6	6	199	197	7	11	56	56	0
1	62	52	17	8	99	107	-21	7	126	130	-13	12	132	139	-19
2	34	37	-4	9	105	110	-13	8	10	14	-1	13	90	92	-4
3	45	50	-7	10	52	56	-7	9	181	175	16	14	110	105	13
4	86	77	18	11	31	42	-14	10	133	128	13	15	112	107	11
5	48	46	3	12	29	39	-12	11	143	143	0	16	56	57	-1
6	111	104	16	13	47	44	4	12	96	88	20	17	95	95	0
7	13	17	-1	14	31	37	-7	13	114	97	38				
8	90	80	19	15	-30	25	-28	14	55	56	-1	-7	3	1	
9	43	33	11					15	-23	13	-13	1	156	169	-43
				-9	3	1		16	75	80	-10	2	337	329	18
-11	5	1										3	304	305	-1
				1	133	139	-17	-8	4	1		4	57	51	14
1	-19	16	-12	2	178	184	-15					5	166	168	-6
2	122	114	19	3	247	248	-1	1	47	52	-8	6	672	677	-7
3	27	11	10	4	256	244	30	2	109	113	-11	7	420	422	-4
4	99	88	23	5	187	180	18	3	53	45	16	8	115	115	0
5	27	28	0	6	236	234	3	4	80	83	-7	9	238	240	-4
6	67	64	4	7	210	203	19	5	130	134	-11	10	459	460	-2
				8	307	306	2	6	139	130	25	11	180	186	-16
-10	0	1		9	124	127	-9	7	27	31	-5	12	107	103	10
				10	95	96	-3	8	136	132	11	13	65	62	5
2	129	115	26	11	74	73	2	9	173	171	6	14	182	188	-16
4	94	103	-15	12	72	62	17	10	51	60	-16	15	127	126	1
6	133	126	12	13	-17	10	-7	11	26	25	0	16	76	77	-2
8	60	51	11	14	97	91	11	12	79	79	0	17	29	18	8
10	90	84	9					13	99	92	15				
12	99	97	2	-9	5	1		14	55	58	-5				
								15	82	67	27	-7	5	1	
-10	2	1		1	54	54	0								
				2	89	82	17								
1	77	87	-24	3	78	73	11	-8	6	1		1	125	119	18
2	60	59	1	4	113	112	2					2	313	305	19
3	125	122	7	5	0	19	-7	1	214	218	-11	3	128	121	20
4	12	13	0	6	165	164	2	2	95	99	-11	4	381	389	-18
5	-12	29	-21	7	88	83	10	3	83	92	-22	5	137	128	23
6	121	119	4	8	127	115	29	4	114	104	25	6	241	242	-2
7	141	147	-18	9	34	32	2	5	58	58	0	7	61	49	24
8	45	50	-7	10	132	127	9	6	-6	11	-3	8	212	216	-9
9	77	67	19	11	27	21	5	7	54	49	9	9	44	34	15
10	58	58	1	12	84	92	-17	8	97	93	8	10	198	203	-13
11	92	92	0					9	110	102	20	11	-6	28	-17
12	95	87	15	-9	7	1		10	58	58	0	12	101	101	1
								11	125	118	17	13	122	117	13
-10	4	1		1	8	10	0	12	70	72	-3	14	112	118	-15
				2	36	33	3	13	109	100	20	15	-26	10	-16
1	89	102	-31	3	109	107	4					16	89	87	5
2	99	93	14	4	42	40	3	-8	8	1					
3	198	185	33	5	31	31	0								
4	54	49	9	6	67	70	-5	1	68	65	6	-7	7	1	
5	51	43	13	7	44	56	-20	2	107	103	8	1	32	18	14
				8	-31	8	-20	3	51	48	3	2	204	197	18

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3	42	42	0	13	208	209	-1	1	98	85	44	1	117	124	-17
4	122	127	-14	14	92	86	13	2	450	447	7	2	38	35	2
5	-6	17	-7	15	282	278	9	3	176	175	3	3	100	95	12
6	68	74	-17	16	86	82	7	4	277	276	0	4	39	48	-14
7	56	62	-11	17	142	142	0	5	175	175	-1	5	27	33	-6
8	106	113	-18					6	249	247	3	6	60	45	23
9	109	111	-4		-6	6	1	7	227	227	-1	7	71	81	-19
10	77	71	12					8	284	282	4	8	72	69	6
11	25	26	-1	1	178	180	-6	9	191	191	-2	9	83	83	0
12	22	37	-15	2	112	116	-12	10	185	191	-17				
13	17	33	-14	3	243	233	26	11	70	80	-25		-4	0	1
14	82	82	0	4	183	175	22	12	182	185	-9				
				5	205	205	0	13	169	184	-43	2	932	925	6
	-7	9	1	6	316	315	2	14	127	119	19	4	626	608	26
				7	519	518	2	15	57	72	-32	6	452	463	-20
1	143	130	31	8	350	350	0	16	217	221	-12	8	329	310	41
2	135	134	1	9	187	186	1	17	94	106	-29	10	329	336	-14
3	68	70	-4	10	266	256	24	18	32	26	5	12	315	317	-5
4	57	52	8	11	364	370	-13	19	71	61	17	14	418	417	3
5	115	115	0	12	59	58	2					16	322	319	5
6	46	55	-15	13	152	145	17		-5	5	1	18	207	213	-10
7	56	62	-10	14	50	46	7					20	223	220	5
8	-22	19	-18	15	157	162	-13	1	317	316	2				
9	56	60	-7	16	27	30	-3	2	223	215	26		-4	2	1
10	16	36	-17					3	20	26	-7				
					-6	8	1	4	270	272	-5	1	726	719	11
	-7	11	1	1	-16	25	-21	5	167	166	0	2	539	525	28
1	37	41	-4	2	84	78	12	6	147	156	-32	3	396	390	13
2	108	95	23	3	69	77	-20	7	53	56	-6	4	311	304	21
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	-6	0	1	5	128	123	13	9	23	22	1	6	331	338	-20
2	211	200	28	6	77	78	-1	10	127	126	2	7	374	371	8
4	193	189	10	7	52	48	5	11	67	73	-13	8	363	371	-19
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8	153	158	-12	9	42	38	5	13	72	80	-18	10	282	282	0
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18	152	157	-9					18	110	108	4	15	146	141	14
					-6	10	1					16	157	152	13
	-6	2	1	1	38	30	10		-5	7	1	17	188	190	-4
1	426	419	14	2	80	79	1	1	149	144	14	18	158	159	-1
2	110	102	25	3	93	97	-9	2	81	82	0	19	109	109	0
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4	220	221	-2	5	19	36	-18	4	163	162	2				
5	131	129	7	6	83	84	-1	5	99	97	6		-4	4	1
6	225	225	0	7	119	132	-31	6	244	246	-5	1	262	265	-10
7	188	196	-25	8	72	67	10	7	335	338	-6	2	501	506	-9
8	223	221	7	9	50	38	16	8	125	125	0	3	183	178	17
9	89	94	-12	10	36	13	17	9	75	69	13	4	255	246	29
10	151	159	-26					10	95	95	1	5	359	354	10
11	166	153	37		-5	1	1	11	241	248	-18	6	311	304	19
12	149	145	10					12	135	134	3	7	76	78	-4
13	88	78	23	1	759	735	35	13	120	119	0	8	377	375	5
14	157	162	-12	2	587	572	27	14	55	47	12	9	332	321	29
15	215	219	-11	3	666	657	15	15	84	87	-5	10	177	181	-12
16	102	84	38	4	173	174	-2	16	23	23	0	11	146	153	-22
17	141	136	10	5	463	460	5					12	48	59	-25
18	109	110	-1	6	196	194	6		-5	9	1	13	234	232	6
				7	403	402	2	1	108	108	0	14	78	87	-22
				8	152	158	-22	2	72	72	1	15	87	80	17
	-6	4	1	9	260	258	5	3	144	135	23	16	69	70	-2
1	200	203	-9	10	181	181	2	4	31	30	0	17	197	202	-11
2	12	11	0	11	220	219	2	5	238	240	-7	18	-8	35	-25
3	335	333	3	12	68	72	-9	6	187	181	13	19	95	88	14
4	88	85	8	13	209	212	-10	7	120	110	25				
5	364	368	-11	14	112	119	-19	8	188	185	10		-4	6	1
6	160	161	-3	15	202	213	-29	9	346	342	9	1	136	133	11
7	272	273	0	16	-26	24	-28	10	192	184	19	2	323	324	-2
8	110	104	17	17	119	120	-1	11	107	105	6	3	87	89	-5
9	374	370	10	18	45	67	-41	12	40	47	-10	4	34	26	12
10	254	253	2	19	101	109	-19	13	147	152	-11	5	176	170	18
11	282	278	8									6	179	178	2
12	60	61	0		-5	3	1		-5	11	1	7	213	212	2
												8	112	111	5

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9	209	209	0	2	146	151	-18	15	115	115	0	20	19	25	-3
10	105	108	-8	3	98	102	-13								
11	187	190	-8	4	363	369	-16		-3	11	1		-2	6	1
12	34	42	-12	5	232	240	-25								
13	102	101	4	6	13	50	-68	1	143	138	14	1	681	674	11
14	162	169	-18	7	304	309	-14	2	50	47	4	2	528	538	-20
15	124	127	-5	8	301	290	31	3	-29	10	-21	3	218	214	13
16	80	86	-14	9	118	124	-20	4	85	75	21	4	138	137	4
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	-4	8	1	12	207	208	-4	7	87	87	1	7	293	298	-13
1	102	109	-21	13	55	67	-27	8	62	59	5	8	207	212	-16
2	123	123	0	14	104	106	-5	9	-24	5	-12	9	304	299	12
3	90	93	-7	15	20	26	-6	10	135	137	-5	10	103	97	15
4	201	199	8	16	182	179	7	11	-27	8	-14	11	71	76	-12
5	-23	5	-14	17	47	54	-11					12	109	116	-20
6	217	219	-8	18	100	107	-16		-3	13	1	13	126	122	11
7	99	99	-1	19	89	82	14					14	150	149	0
8	214	205	24	20	89	81	15	1	39	39	0	15	139	135	10
9	145	134	27					2	41	50	-9	16	-17	26	-21
10	255	253	4	-3	5	1						17	53	45	11
11	60	53	12						-2	0	1	18	84	81	5
12	45	41	5	1	251	260	-29								
13	125	127	-3	2	472	455	36	2	1055	1034	20		-2	8	1
14	159	159	0	3	388	387	4	4	962	982	-20				
15	14	15	0	4	118	119	-2	6	343	326	39	1	214	217	-10
				5	43	40	7	8	250	252	-7	2	150	144	17
	-4	10	1	6	279	286	-21	10	192	212	-52	3	152	143	27
1	89	86	7	7	85	81	12	12	291	289	4	4	179	172	21
2	107	109	-4	8	50	65	-38	14	273	277	-8	5	95	96	-3
3	81	81	0	9	106	106	-2	16	360	361	-2	6	244	244	1
4	146	145	3	10	171	166	17	18	127	115	22	7	66	70	-9
5	62	65	-5	11	47	60	-30	20	68	80	-18	8	200	202	-6
6	126	125	2	12	197	194	10					9	-20	10	-12
7	92	89	5	13	123	120	6		-2	2	1	10	145	145	1
8	173	182	-23	14	115	125	-30					11	74	69	11
9	60	54	10	15	119	121	-5	1	512	501	23	12	164	166	-5
10	123	120	7	16	116	110	14	2	681	694	-21	13	88	95	-16
11	73	71	3	17	38	25	13	3	462	467	-10	14	42	54	-18
12	252	245	16	18	64	60	7	4	609	629	-36	15	62	78	-32
				19	-20	25	-19	5	377	380	-7	16	79	75	9
	-4	12	1					6	234	239	-18				
				-3	7	1		7	385	378	20		-2	10	1
1	10	7	0					8	668	656	19				
2	58	63	-8	1	313	316	-8	9	409	404	11	1	50	54	-6
3	67	78	-20	2	244	244	-2	10	125	119	19	2	178	177	2
4	-19	24	-18	3	95	104	-28	11	312	301	29	3	133	138	-14
5	71	75	-7	4	60	60	-1	12	348	347	1	4	-31	3	-23
6	96	108	-29	5	212	214	-5	13	265	260	12	5	49	54	-8
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	-3	1	1	7	228	227	3	15	103	119	-45	7	50	44	9
1	970	960	12	8	105	110	-14	16	163	167	-9	8	76	76	0
2	194	181	50	9	116	122	-18	17	182	177	12	9	89	87	6
3	697	692	8	10	195	193	5	18	22	14	5	10	84	82	4
4	389	385	11	11	288	281	16	19	100	101	-2	11	-21	34	-32
5	428	445	-42	12	178	178	-1	20	96	90	12	12	40	47	-9
6	568	552	29	13	219	218	1					13	-1	21	-7
7	127	130	-8	14	227	221	16		-2	4	1				
8	765	743	31	15	251	244	16						-2	12	1
9	277	274	8	16	93	99	-15	1	445	451	-13				
10	222	221	3	17	130	135	-11	2	289	291	-7	1	62	52	16
11	150	151	-4					3	519	519	0	2	44	49	-9
12	56	57	-1					4	236	239	-11	3	99	106	-16
13	245	243	6					5	530	541	-23	4	51	59	-13
14	63	67	-9	1	148	151	-10	6	417	405	26	5	151	142	22
15	268	263	13	2	181	173	21	7	303	301	5	6	69	62	11
16	139	140	-2	3	168	173	-14	8	69	62	16	7	56	62	-11
17	181	182	-4	4	74	72	5	9	487	475	25	8	-19	24	-18
18	77	86	-20	5	211	201	26	10	153	152	3	9	62	62	0
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20	24	36	-12	7	174	172	7	12	312	307	13		-1	1	1
				8	40	48	-14	13	423	416	14				
	-3	3	1	9	135	131	9	14	182	190	-22	1	845	853	-10
1	90	82	30	10	23	17	4	15	351	347	7	2	677	677	0
				11	160	155	11	16	302	308	-14	3	555	551	7
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7	187	183	12	16	-12	23	-13	18	239	238	3	3	129	122	17
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3	170	180	-30	12	183	176	19	5	325	323	7	11	139	141	-5
4	119	117	5	13	21	32	-11	6	175	175	-1	12	35	37	-2
5	218	219	-4	14	121	116	12	7	207	202	14	13	30	40	-12
6	159	149	29	15	80	88	-18	8	144	132	32				
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8	46	48	-4					10	210	213	-6				
9	122	119	5		7	5	1	11	119	127	-21	0	41	50	-23
10	145	143	5					12	52	57	-9	1	159	166	-19
11	50	56	-12	0	436	443	-17	13	102	101	2	2	148	151	-6
12	48	59	-19	1	266	269	-7	14	98	103	-10	3	35	40	-7
13	29	48	-27	2	201	197	10	15	56	59	-4	4	124	128	-11
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3	36	39	-4	11	19	9	5	5	116	124	-24	13	-32	17	-25
4	167	169	-5	12	179	177	4	6	90	89	1				
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6	134	132	3	14	106	113	-16	8	48	52	-6				
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8	146	154	-22					10	98	96	3	1	70	76	-11
9	106	108	-4		7	7	1	11	89	84	9	2	71	66	10
10	51	51	0					12	106	103	8	3	19	44	-31
11	42	50	-11	0	104	100	14	13	166	161	10	4	113	120	-20
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	6	10	1	4	112	111	2					8	151	151	-1
				5	124	127	-8	0	111	113	-10	9	152	157	-12
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2	59	61	-3	8	99	100	-1	3	67	75	-18				
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4	44	46	-3	10	47	50	-5	5	56	64	-15				
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6	78	76	3	12	136	128	19	7	38	38	0	1	48	48	-1
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8	68	68	-1					9	69	74	-8	3	53	60	-12
9	-21	16	-13		7	9	1	10	62	60	4	4	59	55	8
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	7	1	1					12	-11	16	-7	6	52	58	-10
				0	91	81	29					7	22	34	-12
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1	267	269	-6	2	78	82	-8								
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3	77	82	-13	4	25	32	-7	0	-28	23	-42		9	9	1
4	182	185	-11	5	63	68	-8	1	58	65	-15				
5	249	249	-2	6	30	31	-1	2	150	156	-17	0	49	47	5
6	307	304	9	7	35	42	-8	3	93	105	-30	1	28	37	-9
7	226	219	21	8	-24	23	-21	4	23	27	-3	2	-28	5	-15
8	424	418	13	9	29	36	-7	5	35	56	-33				
9	329	321	19					6	95	99	-9		10	0	1
10	272	266	15		7	11	1	7	50	61	-18				
11	108	108	0					8	56	54	3	0	253	261	-20
12	112	118	-17	0	58	61	-9	9	-25	17	-17	2	183	185	-3
13	115	120	-13	1	51	47	6					4	90	89	1
14	11	25	-10						8	10	1	6	81	72	14
					8	0	1					8	-33	22	-24

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p-DMA, p-Me Stilbazonium Tosylate

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10	-30	22	-19	2	24	16	7	11	1	1	7	-33	16	-27
				3	98	102	-10							
	10	2	1	4	32	28	4	0	17	30	-17	11	5	1
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2	19	41	-27	7	81	82	-2	3	112	115	-7	1	-21	12
3	19	42	-28	8	52	52	0	4	-23	22	-20	2	68	77
4	-26	19	-23	9	119	119	-2	5	48	49	-1	3	-1	27
5	82	84	-4	10	30	55	-24	6	35	49	-20	4	67	72
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8	-17	25	-18	0	51	44	14					0	-19	28
9	-32	22	-32	1	75	67	14	11	3	1		2	89	81
10	-35	14	-29	2	19	9	5	0	122	116	19			10
11	12	30	-13	3	60	59	1	1	114	112	4	12	2	1
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1	120	128	-21	7	51	53	-3	5	47	52	-7	2	45	60
								6	84	83	3			-24

Table S4E. Observed and Calculated Structure Factors for
4'-Methoxy-N-methyl-4-stilbazolium Tosylate

The columns contain, in order, ℓ , $10F_{obs}$, $10F_{calc}$ and $10\left(\frac{F_{obs}^2 - F_{calc}^2}{\sigma F_{obs}^2}\right)$.
A minus sign preceding F_{obs} indicates that F_{obs}^2 is negative.

[illegible]

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N-Methyl-4'-Methoxy Stilbazolium Tosylate

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12	32	34	-22	1	51	53	-21	11	30	24	69	12	91	90	10
13	27	29	-18	2	-15	2	-29	12	99	101	-11	13	126	128	-8
14	-6	6	-23	3	7	19	-34	13	30	28	19	14	72	72	7
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16	68	65	18	5	54	53	2	15	30	31	-19	16	24	20	47
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				8	34	35	-12								
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1	-6	5	-12	11	0	1		2	124	128	-33				
2	134	142	-51					3	75	80	-49			244	0
3	117	99	100	0	-6	1	-7	4	94	97	-30	1	244	337	-20
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7	35	33	14	4	-16	5	-48	8	76	72	29	6	241	242	-2
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	7	0	1					-5	1	1		16	67	66	13
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9	-11	4	-19					10	34	35	-22	5	441	454	-33
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	8	0	1	6	80	83	-18					13	90	89	7
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7	38	41	-29					5	190	184	31	0	1	1	
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N-Methyl-4'-Methoxy Stilbazolium Tosylate

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3	184	180	23	10	28	33	-81					1	99	99	0
4	147	145	12	11	66	67	-7	8	5	1		2	78	77	10
5	162	159	17	12	46	46	12					3	47	47	2
6	106	100	40	13	34	33	23	0	17	17	0	4	28	27	12
7	85	83	17					1	31	30	1	5	41	42	-13
8	48	53	-62	3	5	1		2	42	44	-32	6	6	13	-35
9	58	61	-20					3	7	11	-22	7	30	30	3
10	47	49	-24	0	87	84	23	4	21	20	13	8	41	40	17
11	-8	8	-24	1	54	55	-9	5	2	16	-47	9	73	71	12
12	42	41	19	2	99	100	-2					10	14	17	-25
13	17	20	-33	3	64	57	61	-7	6	1		11	29	32	-48
14	48	49	-9	4	110	110	0								
				5	60	60	0	1	18	23	-50	0	6	1	
				6	87	84	22	2	11	13	-6				
-1	5	1		7	107	108	-11	3	29	28	0				
1	101	98	21	8	43	47	-54					0	90	90	-2
2	88	82	43	9	61	59	9	-6	6	1		1	42	43	-15
3	112	105	46	10	27	29	-25					2	27	27	10
4	25	21	50	11	42	43	-19	1	30	30	-1	3	58	54	57
5	136	138	-8	12	43	42	9	2	22	27	-69	4	74	70	43
6	87	89	-20	13	37	32	70	3	30	29	18	5	33	34	-26
7	134	135	-5					4	33	34	-20	6	29	31	-45
8	64	62	22	4	5	1		5	52	52	-6	7	56	47	110
9	12	15	-20					6	21	20	4	8	39	39	1
10	34	34	1	0	69	66	27					9	33	32	10
11	44	43	11	1	102	99	23	-5	6	1		10	23	25	-26
12	29	30	-25	2	116	117	-6					11	38	37	28
13	31	31	4	3	70	74	-36	1	35	33	25				
				4	72	72	0	2	89	92	-20	1	6	1	

N-Methyl-4'-Methoxy Stilbazolium Tosylate

Page

8

0 56 53 37
 1 129 127 13
 2 78 72 45
 3 20 21 -11
 4 90 91 -4
 5 25 31 -91
 6 38 38 8
 7 11 17 -43
 8 85 66 -10
 9 51 48 39
 10 -4 15 -81
 11 48 48 0

2 6 1

0 37 39 -28
 1 104 106 -14
 2 8 6 4
 3 91 87 29
 4 52 51 1
 5 35 35 -1
 6 37 37 -1
 7 63 55 72
 8 15 19 -51
 9 29 26 41
 10 30 28 17
 11 24 21 26

3 6 1

0 162 159 18
 1 137 129 47
 2 21 17 40
 3 31 34 -43
 4 39 42 -43
 5 37 34 40
 6 66 65 6
 7 46 46 -6
 8 62 63 -6
 9 21 20 14
 10 34 35 -18

4 6 1

0 81 83 -16
 1 27 24 44
 2 31 31 -4
 3 53 53 2
 4 20 18 18
 5 -7 7 -18
 6 53 55 -28
 7 50 52 -27
 8 12 15 -14
 9 32 31 16

5 6 1

0 104 102 14
 1 31 31 0
 2 -4 7 -10
 3 19 21 -25
 4 35 34 17
 5 47 44 39
 6 -6 8 -31
 7 61 59 19
 8 38 41 -46

6 6 1

0 17 18 -18
 1 39 39 -2
 2 25 27 -27
 3 22 22 3
 4 9 11 -8
 5 27 29 -37
 6 50 50 -5

7 6 1

0 20 20 0
 1 -8 6 -21
 2 15 20 -53

-4 7 1

1 11 11 0

2 29 35 -100
 3 26 28 -20
 4 14 15 -5
 -3 7 1
 1 48 48 -8
 2 13 17 -38
 3 10 19 -78
 4 40 43 -42
 5 19 20 -11
 6 34 32 26

-2 7 1

1 17 20 -34
 2 37 40 -34
 3 15 16 -12
 4 20 18 28
 5 14 19 -60
 6 48 47 9
 7 10 9 3

-1 7 1

1 50 48 19
 2 5 15 -67
 3 36 38 -36
 4 36 39 -51
 5 45 43 33
 6 3 11 -43
 7 43 42 18

0 7 1

1 62 65 -47
 2 42 40 40
 3 27 28 -23
 4 22 23 -11
 5 47 48 -20
 6 42 40 55
 7 -13 2 -68
 8 32 29 55

1 7 1

0 107 105 15
 1 34 34 -2
 2 24 24 5
 3 29 25 61
 4 24 27 -40
 5 51 50 17
 6 24 23 6
 7 11 13 -10

2 7 1

0 73 74 -5
 1 41 41 5
 2 52 53 -12
 3 22 20 18
 4 61 65 -47
 5 86 83 23
 6 9 13 -18
 7 10 13 -16

3 7 1

0 67 68 -14
 1 10 14 -31
 2 33 33 2
 3 34 33 21
 4 64 62 20
 5 45 43 23
 6 -4 11 -36

4 7 1

0 53 51 18
 1 36 37 -7
 2 28 31 -41
 3 38 38 1
 4 92 92 -1

Table S5E. Observed and Calculated Structure Factors for
4'-Bromo-N-methyl-4-stilbazolium Chloride

The columns contain, in order, h , $10F_{obs}$, $10F_{calc}$ and $10\left(\frac{F_{obs}^2 - F_{calc}^2}{\sigma F_{obs}^2}\right)$.
A minus sign preceding F_{obs} indicates that F_{obs}^2 is negative.

N-Me-p'-Bromo Stilbazolium Chloride.

Page 1

h 0 -13				h 0 -4				14	437	413	25	0	636	638	-1
2	249	226	21	0	969	962	0	16	80	25	15	2	218	224	-5
4	59	77	-7	2	156	156	0					4	636	652	-17
h 0 -12				h 0 -3				h 0 5				h 0 11			
0	401	391	10	2	156	156	0	2	916	962	-49	6	168	175	-7
2	322	320	1	4	755	734	25	4	796	834	-45	8	174	177	-3
4	121	105	11	6	714	690	28	6	622	632	-14	10	462	456	7
6	206	219	-12	8	849	804	44	8	467	465	2				
h 0 -11				h 0 -2				h 0 4				h 0 12			
2	524	516	8	10	590	547	49	10	303	305	-3	2	534	551	-19
4	369	360	9	12	135	142	-6	12	444	442	2	4	372	377	-6
6	378	350	28	14	373	360	11	14	88	107	-12	6	352	353	-1
8	236	225	8	16	116	77	20	16	174	157	16	8	244	232	14
h 0 -10				h 0 -1				h 0 6				h 0 13			
0	660	656	3	2	1131	1117	12	0	776	783	-7	2	205	197	10
2	224	227	-3	4	1387	1358	20	2	593	619	-35	4	38	52	-3
4	694	673	21	6	1487	1435	33	4	1224	1267	-34				
6	138	137	1	8	746	721	27	6	311	319	-11				
8	154	148	5	10	432	394	48	8	479	494	-19				
10	500	473	25	12	293	288	5	10	407	413	-6				
h 0 -9				h 0 0				h 0 7				h 1 -13			
2	576	570	6	2	859	891	-37	2	585	598	-17	0	371	374	-4
4	244	250	-5	4	127	119	12	4	501	513	-16	1	-5	12	0
6	424	406	19	6	581	578	3	6	455	489	-47	2	131	118	13
8	275	268	6	8	853	826	28	8	379	379	-1	3	67	52	6
10	191	192	-1	10	1004	920	72	10	226	230	-3				
12	343	280	53	12	150	100	45	12	256	245	12				
h 0 -8				h 0 1				h 0 8				h 1 -12			
0	514	519	-7	2	1116	1187	-64	0	528	525	3	1	-20	25	-3
2	601	586	19	4	1368	1416	-35	2	586	590	-6	2	310	303	9
4	712	697	16	6	1531	1529	1	4	650	675	-29	3	36	43	-2
6	248	229	19	8	778	759	21	6	239	243	-3	4	126	135	-10
8	93	103	-7	10	382	371	13	8	53	67	-4	5	-42	69	-22
10	521	467	56	12	254	266	-12	10	458	467	-10	6	293	293	0
12	178	156	20	14	50	29	3	12	159	147	12	7	41	51	-3
h 0 -7				h 0 2				h 0 9				h 1 -11			
2	583	582	1	2	569	571	-3	2	561	580	-23	0	107	106	1
4	566	543	29	4	561	589	-47	4	210	217	-6	1	139	137	2
6	522	509	16	6	652	677	-36	6	375	378	-4	2	397	387	14
8	406	390	20	8	777	799	-25	8	272	277	-5	3	65	66	0
10	204	199	5	10	740	748	-8	10	169	169	0	4	418	401	23
12	231	219	10	12	346	328	22	12	271	265	6	5	50	22	9
14	80	68	4	14	181	195	-13					6	354	330	30
h 0 -6				h 0 3				h 0 10				h 1 -10			
0	947	935	11	2	569	571	-3	2	561	580	-23	7	68	32	13
2	608	612	-4	4	561	589	-47	4	210	217	-6	8	204	182	30
4	1237	1200	27	6	652	677	-36	6	375	378	-4	9	50	24	4
6	375	366	12	8	777	799	-25	8	272	277	-5				
8	494	469	31	10	740	748	-8	10	169	169	0				
10	452	423	33	12	346	328	22	12	271	265	6				
12	394	346	48	14	181	195	-13								
14	200	183	16	16	295	256	42								
h 0 -5				h 0 4				h 0 11				h 1 -9			
2	1272	1254	13	2	569	571	-3	2	561	580	-23	0	992	988	4
4	808	767	44	4	561	589	-47	4	210	217	-6	1	44	32	3
6	814	772	43	6	652	677	-36	6	375	378	-4	2	118	108	14
8	699	662	41	8	777	799	-25	8	272	277	-5	3	97	91	6
10	166	156	12	10	740	748	-8	10	169	169	0	4	258	246	18
12	369	334	36	12	346	328	22	12	271	265	6	5	41	20	6
14	359	356	2	14	181	195	-13								

6	484	474	15		h	1	-4			1	122	118	9	3	-25	37	-15
7	109	100	0							2	786	782	4	4	182	152	-20
8	353	330	31		1	122	124	-5		3	58	52	10	5	187	195	-16
9	13	52	-9		2	1226	1200	23		4	344	343	2	6	619	644	-40
10	136	127	10		3	32	29	1		5	65	67	-4	7	111	107	5
11	38	17	4		4	186	184	3		6	720	722	-3	8	569	572	-5
12	82	59	12		5	196	197	-2		7	-69	31	-31	9	27	91	-43
					6	674	653	31		8	490	486	6	10	428	430	-3
h	1	-8			7	108	107	1		10	169	167	2	11	20	60	-16
1	28	36	-2		8	595	587	43		12	376	390	-22	12	568	569	-1
2	506	500	9		9	-37	89	-37		13	-120	49	-48	13	-73	29	-18
3	-20	31	-6		10	440	421	29		14	105	82	21	14	112	118	-5
4	135	129	8		11	50	61	-3		16	166	161	34	15	-63	16	-13
5	63	61	0		12	598	574	33									
6	381	371	16		13	36	31	1		h	1	1		h	1	5	
7	-31	23	-5		14	128	121	6		0	444	442	5	0	1010	1013	-3
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9	29	55	-9							2	147	150	-7	2	439	449	-21
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11	-51	17	-8		0	885	887	-2		4	1682	1756	-51	4	571	595	-43
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13	-67	22	-12		2	743	722	30		6	349	341	17	6	658	681	-34
					3	150	146	9		7	58	58	0	7	41	67	-18
h	1	-7			4	1418	1367	40		8	195	193	4	8	487	497	-17
0	1049	1049	0		5	36	23	4		9	71	67	4	9	22	25	0
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9	-6	49	-10	2	495	506	-15	8	197	182	20	14	326	314	14
10	172	174	-3	3	69	75	-3	9	47	24	5	15	50	49	0
11	-38	19	-8	4	171	164	9	10	495	469	36	16	42	44	0
12	180	181	0	5	104	81	18	11	161	166	-7				
13	-30	26	-5	6	208	202	7	12	342	346	-5	h	2	-1	
	h	1	9	7	-26	4	-1	13	-40	50	-14				
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3	96	87	10	1	82	88	-5	2	311	307	7	5	356	352	9
4	242	246	-5	2	352	347	7	3	186	184	3	6	467	463	6
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	h	1	10	h	2	-9		12	134	150	-18	15	-46	49	-11
								13	127	109	18	16	212	223	-13
								14	229	230	0	h	2	0	
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2	489	503	-23	2	453	443	14					1	577	565	-14
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	h	1	11	h	2	-8		9	165	163	2	11	94	130	-44
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2	402	403	-1	2	458	455	4	13	-9	38	-5	15	72	80	-4
3	84	77	4	3	239	239	0	14	338	337	0	16	22	26	0
4	394	405	-16	4	625	611	19	15	64	64	0				
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6	312	313	0	6	114	109	5	1	196	192	9	1	159	160	-2
7	84	38	23	7	101	85	16	2	942	916	29	2	1586	1622	-26
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9	-69	24	-16	9	-63	32	-20	4	341	330	23	4	202	194	16
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	h	2	-12	11	-17	52	-11	3	212	204	17	2	812	838	-36
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				13	-58	45	-13	5	47	58	-9	4	397	415	-39
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2	218	215	3	0	659	651	11	8	516	498	29	7	196	208	-20
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	h	2	-11	4	824	801	28	12	117	125	-8	11	40	80	-17
				5	162	157	6	13	25	51	-5	12	135	141	-8
1	144	143	1	6	313	305	14		h	2	-2	13	-24	50	-9
				7	79	88	-9								

14	290	303	-20	1	42	69	-13	h	3	-12	8	197	191	8	
15	74	47	13	2	507	522	-25				9	116	110	5	
16	8	49	-5	3	84	97	-15	1	100	98	1	10	293	293	0
	h	2	3	4	293	300	-12		h	3	-11	11	-74	23	-22
				5	125	137	-20					12	216	246	-40
				6	325	346	-37					13	54	75	-10
1	194	192	3	7	91	99	-7	0	-58	22	-10		h	3	-5
2	891	921	-47	8	412	416	-7	1	91	46	23				
3	92	97	-11	9	-18	46	-11	2	276	272	5	0	655	654	1
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9	127	136	-14									6	412	388	38
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11	57	29	8	1	90	86	4	2	334	329	6	8	282	269	18
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13	-53	53	-16	3	230	238	-12	4	128	125	4	10	285	290	-5
14	95	99	-3	4	584	605	-32	5	148	159	-13	11	31	69	-10
15	39	57	-6	5	49	47	1	6	180	176	5	12	77	72	2
	h	2	4	6	104	96	9	7	40	20	3	13	26	74	-11
				7	42	77	-14	8	207	194	17		h	3	-4
0	1069	1071	-1	8	66	66	0		h	3	-9	1	271	266	9
1	179	187	-16	9	-26	33	-5					2	452	441	21
2	733	747	-20	10	344	365	-33	0	473	471	1	3	83	86	-4
3	184	195	-21	11	71	73	-1	1	195	197	-2	4	436	421	26
4	721	749	-40	12	61	87	-15	2	92	76	14	5	203	197	10
5	124	127	-5		h	2	9	3	38	76	-13	6	640	617	34
6	309	324	-31					4	221	208	16	7	66	61	2
7	134	139	-8	1	110	107	3	5	-68	39	-24	8	267	253	21
8	317	322	-8	2	409	416	-12	6	355	345	13	9	277	268	12
9	161	165	-5	3	92	84	6	7	155	145	13	10	288	286	2
10	378	393	-24	4	222	212	14	8	257	262	-4	11	20	86	-20
11	75	89	-10	5	103	106	-3	9	-18	59	-15	12	332	354	-28
12	84	100	-14	6	322	336	-20	10	42	30	2	13	-8	55	-7
13	-56	33	-12	7	-16	52	-9		h	3	-8	14	115	130	-13
14	303	304	-1	8	223	226	-4						h	3	-3
15	13	59	-9	9	80	72	4	1	80	90	-8				
	h	2	5	10	111	113	-2	2	357	355	2	0	650	654	-7
				11	74	29	15	3	92	95	-3	1	153	153	-1
1	119	121	-4		h	2	10	4	209	192	22	2	147	141	12
2	316	327	-24					5	98	99	-1	3	354	348	11
3	179	181	-4	0	386	384	2	6	261	243	22	4	704	692	17
4	201	216	-27	1	93	90	2	7	-38	27	-9	5	211	197	22
5	186	189	-5	2	340	339	2	8	226	224	2	6	296	284	20
6	1047	1075	-30	3	161	157	5	9	122	120	3	7	173	160	18
7	124	134	-16	4	512	521	-13	10	141	118	24	8	295	295	0
8	397	403	-10	5	104	89	14	11	36	8	4	9	109	124	-18
9	124	126	-2	6	162	168	-8		h	3	-7	10	476	492	-25
10	180	189	-15	7	57	94	-27					11	150	168	-25
11	-19	14	-2	8	183	195	-18	0	961	957	3	12	201	223	-25
12	170	175	-7	9	54	54	0	1	280	274	9	13	27	30	0
13	92	108	-12	10	310	317	-9	2	154	153	1	14	163	189	-29
14	238	228	13		h	2	11	3	112	86	31		h	3	-2
	h	2	6					4	223	224	0				
0	623	617	9	1	152	153	0	5	25	24	0	1	239	229	19
1	132	136	-7	2	520	535	-22	6	293	282	16	2	905	890	18
2	214	215	-1	3	76	74	0	7	237	226	13	3	174	171	4
3	182	183	-1	4	187	179	12	8	295	286	11	4	271	256	28
4	809	844	-46	5	90	86	3	9	-19	53	-12	5	201	195	8
5	171	164	12	6	179	191	-18	10	252	243	9	6	349	340	16
6	243	242	1	7	72	6	21	11	-41	73	-18	7	33	22	2
7	71	77	-5	8	216	223	-8	12	142	154	-13	8	345	340	8
8	166	163	5		h	2	12		h	3	-6	9	101	97	3
9	-55	21	-12									10	101	111	-10
10	473	483	-15	0	326	326	0	1	243	250	-11	11	-20	39	-6
11	174	176	-3	1	-40	24	-7	2	634	623	17	12	236	263	-34
12	339	361	-37	2	194	207	-19	3	53	57	-2	13	97	117	-14
13	-13	44	-6	3	62	49	5	4	541	528	21	14	88	105	-12
14	185	182	3	4	109	109	0	5	243	234	12	15	-22	36	-3
	h	2	7	5	-16	10	-1	6	121	113	11		h	3	-1
								7	14	41	-5				

0	284	283	1	3	317	327	-18	h	s	s	3	191	177	20
1	90	92	-4	4	623	654	-50	1	108	100	4	333	311	29
2	404	405	-1	5	172	188	-28	2	327	333	5	88	82	4
3	334	333	0	6	332	333	0	3	92	89	6	88	84	2
4	1113	1092	19	7	171	174	-5	4	224	224	7	39	39	0
5	202	197	7	8	333	341	-12	5	95	111	8	63	46	6
6	387	387	0	9	112	122	-13	6	258	269	9	92	103	-3
7	135	144	-16	10	415	458	-71	7	47	25	h	4	-7	
8	110	112	-3	11	141	156	-20	8	219	213	1	20	87	-23
9	73	82	-6	12	172	212	-55	9	103	117	2	313	305	11
10	292	314	-33	13	44	31	3	10	102	122	3	74	76	-1
11	150	172	-32	14	173	173	0	11	-64	2	4	189	185	7
12	173	186	-17	h	s	4		h	s	9	5	212	218	-7
13	-17	34	-4	1	255	265	-20	0	461	469	6	221	202	25
14	51	83	-11	2	441	441	0	1	190	191	7	71	48	10
15	-88	35	-14	3	89	86	4	2	70	77	8	236	219	20
h	s	0		4	390	415	-48	3	82	83	9	-30	41	-6
1	197	201	-6	5	187	195	-12	4	209	207	10	91	106	-12
2	548	539	16	6	598	614	-25	5	49	43	h	4	-6	
3	65	58	7	7	63	62	0	6	333	336	0	351	352	0
4	204	199	9	8	248	249	-1	7	118	136	1	70	80	-7
5	208	213	-7	9	262	270	-11	8	244	250	2	128	129	-1
6	476	484	-13	10	280	289	-12	9	37	59	3	272	261	15
7	85	83	1	11	91	85	4	10	68	26	4	436	421	24
8	257	265	-13	12	305	355	-82	h	s	10	5	193	190	4
9	142	142	0	13	-43	45	-12	1	109	103	6	155	151	5
10	49	50	0	14	111	129	-17	2	341	343	7	83	105	-17
11	-32	60	-20	h	s	5		3	74	51	8	124	131	-8
12	252	288	-50	0	691	680	15	4	128	136	9	-25	44	-7
13	60	76	-9	1	179	182	-5	5	175	174	10	222	219	3
14	88	69	11	2	382	383	-2	6	177	180	11	164	174	-12
15	71	26	13	3	154	160	-10	7	33	17	h	4	-5	
h	s	1		4	416	417	-2	8	220	208	1	110	101	11
0	398	393	11	5	139	138	1	h	s	11	2	286	276	17
1	120	120	1	6	420	420	0	0	18	65	3	168	160	13
2	386	395	-18	7	224	229	-6	1	84	47	4	87	88	0
3	319	326	-15	8	277	292	-22	2	264	282	5	224	206	22
4	1056	1066	-10	9	104	115	-12	3	83	61	6	423	427	-6
5	205	193	19	10	243	261	-22	4	252	266	7	130	113	20
6	378	385	-12	11	49	75	-9	5	27	50	8	270	267	4
7	129	138	-15	12	86	85	1	6	247	254	9	183	186	-3
8	130	145	-23	13	57	81	-9	h	s	6	10	-44	50	-12
9	67	81	-13	h	s	6		h	s	12	11	-80	34	-19
10	282	308	-39	1	245	246	-1	1	90	97	12	112	94	14
11	158	172	-19	2	604	619	-23	h	s	11	h	4	-4	
12	162	185	-34	3	72	75	-3	h	s	12	0	385	384	2
13	-17	38	-7	4	506	515	-15	1	90	97	1	282	281	1
14	72	97	-13	5	214	223	-14	h	4	-10	2	196	183	19
15	49	39	3	6	103	111	-8	0	232	240	3	209	205	5
h	s	2		7	-22	41	-8	1	-30	61	4	344	332	19
1	232	234	-4	8	207	207	0	2	168	167	5	79	78	0
2	920	926	-6	9	113	113	0	3	222	219	6	268	246	31
3	184	175	18	10	277	289	-15	4	273	274	7	166	165	0
4	208	206	3	11	13	27	-2	5	108	108	8	251	251	0
5	171	177	-9	12	214	242	-41	h	4	-9	9	146	160	-19
6	265	276	-19	13	52	71	-7	h	4	-8	10	198	209	-15
7	7	18	-1	h	s	7		1	142	136	11	112	118	-4
8	344	355	-18	0	992	985	7	2	231	225	12	26	60	-6
9	43	89	-35	1	280	280	1	3	77	70	h	4	-3	
10	91	89	1	2	149	147	3	4	122	105	1	245	238	11
11	31	34	0	3	66	71	-3	5	152	144	2	421	403	31
12	192	251	-86	4	211	199	17	6	178	176	3	112	103	13
13	90	118	-27	5	37	28	2	7	29	37	4	216	202	20
14	84	107	-16	6	284	285	0	h	4	-8	5	120	118	3
15	46	40	1	7	235	239	-4	0	238	236	6	226	222	5
h	s	3		8	283	297	-12	1	84	99	7	-55	25	-12
0	621	617	5	9	54	53	0	2	247	245	8	203	217	-18
1	164	156	13	10	248	263	-23	h	4	-8	9	140	132	9
2	182	171	19	11	66	56	3	0	238	236	3			
				12	131	145	-14	1	84	99	-13			
								2	247	245	3			

10	86	107	-15	5	97	74	26	5	208	203	6	1	166	160	7
11	34	58	-8	6	268	261	10	6	207	202	8	2	140	135	6
12	187	196	-11	7	228	226	3	7	29	51	-6	3	132	126	6
13	-33	67	-13	8	276	291	-22	8	189	208	-27	4	162	157	6
				9	31	35	0	9	-35	60	-19	5	121	107	14
h	4	-2		10	129	140	-13	10	106	120	-14	6	187	174	19
				11	103	106	-2					7	138	171	20
0	360	362	-2	12	38	77	-20	h	4	8		8	151	139	14
1	125	121	6	13	35	73	-15					9	100	108	-6
2	213	213	0					0	236	239	-3				
3	130	137	-11	h	4	3		1	109	93	16	h	5	-4	
4	224	218	8					2	245	248	-3				
5	37	83	-13	1	242	237	6	3	182	176	9	1	242	209	45
6	278	276	1	2	394	393	2	4	305	300	-1	2	307	310	-3
7	240	240	0	3	97	89	10	5	92	76	13	3	87	87	0
8	317	308	15	4	215	209	7	6	89	91	0	4	37	46	-2
9	6	33	-3	5	118	106	17	7	-11	11	0	5	145	130	19
10	114	121	-6	6	212	221	-13	8	-39	19	-6	6	91	99	-6
11	91	81	8	7	25	25	0	9	90	103	-11	7	68	55	5
12	34	68	-8	8	203	207	-5					8	142	144	-2
13	88	76	6	9	123	122	1	h	4	9		9	208	208	0
				10	95	107	-11					10	144	148	-4
h	4	-1		11	40	60	-8	1	128	120	10				
				12	174	200	-40	2	216	223	-10	h	5	-3	
1	187	177	15	13	89	72	10	3	-50	63	-22				
2	525	498	44					4	96	101	-4	0	319	316	5
3	356	345	18	h	4	4		5	133	147	-17	1	125	124	1
4	324	304	33					6	166	170	-5	2	253	248	6
5	423	401	35	0	375	370	8	7	53	36	6	3	272	271	2
6	308	304	6	1	253	257	-6					4	329	323	9
7	75	60	9	2	212	198	20	h	4	10		5	121	122	0
8	297	301	-6	3	218	220	-1					6	107	97	9
9	166	165	1	4	346	354	-14	0	226	245	-25	7	149	136	16
10	150	155	-7	5	82	86	-4	1	77	71	3	8	124	136	-13
11	85	50	17	6	219	228	-11	2	153	164	-14	9	66	78	-7
12	126	139	-14	7	164	168	-8	3	190	213	-31	10	148	143	5
13	63	74	-4	8	225	227	-3	4	249	262	-18	11	-43	133	-50
				9	153	163	-14	5	74	105	-21				
h	4	0		10	203	238	-51	h	5	-9		h	5	-2	
0	1808	1704	63	11	91	106	-14					1	157	149	14
1	568	544	37	12	-28	52	-10	0	301	306	-5	2	229	200	39
2	503	492	18					1	155	153	1	3	44	69	-9
3	448	442	10	h	4	5		2	69	65	1	4	300	288	16
4	44	49	-1									5	190	181	11
5	172	192	-35	1	106	103	3	h	5	-8		6	237	240	-3
6	298	298	0	2	260	269	-12					7	-38	28	-11
7	361	370	-13	3	148	157	-16	1	66	78	-6	8	89	107	-15
8	424	432	-13	4	95	98	-3	2	154	153	1	9	92	85	4
9	94	112	-14	5	208	202	9	3	77	72	2	10	-38	41	-8
10	265	296	-45	6	407	426	-31	4	94	93	0	11	47	44	0
11	137	175	-47	7	116	113	3	5	77	68	4				
12	92	122	-28	8	259	263	-5	h	5	-7		0	176	173	4
13	124	133	-8	9	177	183	-7					1	32	31	0
				10	-46	41	-13	0	263	245	20	2	52	57	-2
h	4	1		11	10	41	-6	1	182	164	22	3	243	235	13
				12	73	103	-22	2	86	89	-2	4	450	443	13
								3	97	78	14	5	189	176	13
1	184	177	10	h	4	6		4	115	110	4	6	117	109	8
2	536	535	0					5	43	11	4	7	54	80	-1
3	363	365	-3	0	287	288	-1	6	195	180	20	8	94	104	-5
4	328	330	-4	1	80	58	18	7	236	219	21	9	94	94	0
5	435	434	0	2	127	121	8	h	5	-6		10	170	181	-1
6	333	330	5	3	266	270	-5					11	130	127	
7	65	56	4	4	432	446	-23	1	210	203	9				
8	310	324	-22	5	207	199	11	2	334	327	10	h	5	0	
9	159	166	-12	6	122	121	0	3	54	54	0				
10	128	140	-14	7	52	92	0	4	172	156	23	1	166	154	1
11	23	57	-8	8	130	133	-3	5	155	149	7	2	223	212	1
12	116	138	-25	9	-43	40	-15	6	-42	27	-7	3	36	67	-1
13	50	79	-17	10	201	222	-32	7	-68	39	-16	4	114	97	1
				11	169	186	-23	8	44	44	0	5	158	151	
h	4	2		h	4	7		h	5	-5		6	182	185	-
												7	22	42	-
0	374	367	13	1	112	107	5	0	265	259	8	8	170	155	2
1	118	128	-16	2	293	299	-7					9	122	120	
2	234	228	9	3	74	89	-13								
3	175	179	-6	4	163	175	-18								
4	257	255	3												

10	-49	48	-18					1	-22	58	-10				
11	12	53	-8		h	5	5	2	77	85	-5		h	6	1
	h	5	1		0	258	251	3	142	126	18				
					1	177	173	4	63	77	-6		1	114	101
0	183	179	6		2	120	125	5	127	102	23		2	161	169
1	52	52	0		3	128	118		h	6	-4		3	179	188
2	33	71	-18		4	158	156						4	148	164
3	254	231	31		5	79	98	0	97	121	-18		5	245	273
4	433	434	-1		6	172	182	1	106	120	-13		6	79	85
5	184	172	19		7	172	177	2	78	60	8		7	70	77
6	95	102	-5		8	141	149	3	122	115	6		8	92	98
7	92	84	6		9	98	106	4	123	107	14		h	6	2
8	104	119	-15					5	99	81	13				
9	25	92	-25		h	5	6	6	119	101	15		0	129	126
10	151	178	-37										1	83	99
11	116	124	-8		1	199	198	h	6	-3			2	70	53
					2	307	318	1	120	108	12		3	109	132
	h	5	2		3	75	56	2	145	127	20		4	89	93
					4	135	155	3	73	41	13		5	36	42
1	171	148	35		5	146	146	4	50	66	-5		6	95	78
2	200	181	23		6	60	60	5	114	105	8		7	129	134
3	89	57	21		7	-29	39	6	100	94	4		h	6	3
4	312	301	16		8	50	60	7	-61	2	-12				
5	172	175	-4		h	5	7		h	6	-2		1	109	106
6	252	248	3					0	130	130	0		2	141	127
7	37	27	1		0	255	260	1	111	106	5		3	44	25
8	119	111	8		1	176	170	2	57	46	5		4	88	66
9	80	85	-3		2	101	94	3	116	102	12		5	97	102
10	25	41	-4		3	78	69	4	87	78	6		6	91	95
11	7	36	-4		4	86	89	5	18	35	-3		7	45	1
	h	5	3		5	-28	8	6	52	80	-22		h	6	4
					6	176	186	7	168	141	31				
0	381	371	15		7	220	231		h	6	-1		0	122	132
1	141	142	-1		h	5	8						1	108	109
2	248	237	14					1	130	104	26		2	92	67
3	254	250	5		1	88	88	2	169	159	14		3	126	123
4	306	300	9		2	174	170	3	173	175	-3		4	113	115
5	126	115	13		3	80	74	4	150	152	-2		5	58	88
6	95	102	-6		4	65	79	5	264	250	15		6	29	90
7	138	138	0		5	77	75		6	97	78		h	6	5
8	109	126	-18		h	5	9		7	38	79				
9	76	76	0					0	8	99	92		1	74	58
10	113	139	-28		0	286	300						2	-33	78
11	113	122	-6		1	139	148		h	6	0		3	122	123
	h	5	4		2	59	69						4	16	81
													5	108	101
1	216	209	10		h	6	-6		0	621	599				
2	295	308	-18						1	347	318		h	6	6
3	93	87	6						2	164	176				
4	-65	35	-18		0	177	179		3	258	257		0	138	150
5	119	125	-6		1	70	59		4	93	76		1	43	48
6	78	90	-10		2	70	55		5	100	82		2	-51	52
7	72	55	10		3	139	131		6	57	68		3	139	134
8	138	145	-9						7	175	177				
9	196	211	-18		h	6	-5		8	83	125				
10	130	153	-27												

Table S6E. Observed and Calculated Structure Factors for
4'-Methoxy-N-methyl-4-stilbazolium Chloride

The columns contain, in order, h , $10F_{obs}$, $10F_{calc}$ and $10\left(\frac{F_{obs}^2 - F_{calc}^2}{\sigma F_{obs}^2}\right)$.
A minus sign preceding F_{obs} indicates that F_{obs}^2 is negative.

h	0	0		0	1244	1231	11	3	88	90	-15	h	5	1	
2	827	879	-58	1	464	459	12	4	1025	1022	4	0	29	31	-6
4	1208	1240	-24	2	455	445	22	5	189	188	2	1	116	114	11
6	413	409	9	3	284	293	-28	6	125	125	0	2	105	104	8
8	82	82	-3	4	401	394	18	7	100	102	-16	3	100	102	-12
10	88	83	20	5	345	356	-32	8	613	609	9	4	162	164	-12
12	134	116	50	6	108	105	14	9	69	69	2	5	163	157	26
14	88	77	46	7	142	147	-22	10	176	176	0	6	48	47	12
16	93	89	10	8	69	68	7	11	57	54	22	7	95	94	2
18	67	51	33	9	148	142	22	12	251	261	-42	8	213	214	-3
				10	11	25	-23	13	44	43	6	9	76	74	16
				11	24	3	28	14	134	131	15	10	25	30	-16
				12	92	97	-30	15	-10	7	-11	11	53	55	-15
				13	123	116	30	16	13	10	4	12	70	77	-36
				14	15	13	2	17	-21	1	-15	13	62	61	1
				15	-22	4	-15	18	68	65	13	14	31	29	4
				16	44	45	0	19	6	8	-1				
h	1	0		h	5	0		h	2	1		h	6	1	
1	75	50	154	1	-16	1	-8	2	1081	1039	48	1	18	19	0
2	64	70	-41	2	18	18	0	3	445	442	5	2	45	49	-25
3	21	19	7	3	49	53	-19	4	131	141	-67	3	128	127	3
4	22	9	50	4	40	33	30	5	315	316	-6	4	131	135	-21
5	60	63	-30	5	26	30	-10	6	221	217	20	5	207	210	-11
6	73	69	29	6	9	17	-6	7	119	118	2	6	50	51	-2
7	82	87	-29	7	80	77	23	8	472	462	25	7	86	85	7
8	150	148	10	8	19	14	7	9	61	60	10	8	36	39	-7
9	-11	19	-20	9	19	14	8	10	204	200	15	9	29	23	12
10	109	113	-20	10	-11	5	-4	11	80	77	18	10	30	31	-3
11	20	23	-6	11	50	39	45	12	88	87	3	11	65	57	31
12	110	112	-8	12	65	65	0	13	32	32	0				
13	-11	10	-11	13	16	14	1	14	55	57	-10	h	7	1	
14	106	103	12	14	34	33	2	15	-3	13	-10	0	72	69	12
15	23	23	-1					16	56	52	22	1	74	69	18
16	62	54	41					17	23	19	6	2	0	18	-11
17	4	14	-7					18	32	23	20	3	53	54	-1
18	36	28	13									4	65	69	-15
19	19	7	9									5	81	81	2
h	2	0		h	6	0		h	3	1		6	67	69	-5
0	2521	2528	-2	0	344	362	-51	0	656	628	52	7	37	37	0
1	539	541	-2	1	254	257	-9	1	270	269	3	h	0	2	
2	2042	2022	10	2	146	146	0	2	323	333	-35	0	626	616	17
3	533	523	21	3	121	122	-5	3	201	203	-6	2	722	737	-23
4	424	425	-3	4	167	179	-41	4	588	580	16	4	328	319	28
5	296	307	-37	5	194	197	-8	5	233	226	34	6	460	461	-1
6	469	462	17	6	-10	7	-6	6	183	178	26	8	506	510	-12
7	124	121	15	7	59	59	0	7	82	82	-1	10	357	358	-4
8	447	434	30	8	16	2	10	8	248	252	-16	12	227	226	1
9	129	130	-5	9	58	51	18	9	46	46	-2	14	58	59	-7
10	212	216	-16	10	21	5	12	10	162	169	-37	16	122	131	-37
11	16	12	3	11	21	10	10	11	58	55	28	18	74	69	16
12	208	205	9					12	141	137	24	h	1	2	
13	82	89	-44	h	7	0		13	81	79	18	1	27	14	93
14	37	46	-41	1	-19	7	-10	14	90	79	78	2	261	264	-14
15	-26	8	-19	2	34	15	28	15	27	28	-2	3	46	43	38
16	36	42	-27	3	-12	15	-10	16	19	15	5	4	548	550	-5
17	7	16	-6	4	-15	8	-7	17	24	23	2	5	89	93	-35
18	17	17	0	5	1	18	-8					6	147	150	-22
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2	41	47	-45					2	202	205	-15	9	18	18	-1
3	75	81	-40	h	0	1		3	280	282	-9	10	78	83	-43
4	16	38	-49	2	508	495	28	4	281	275	24	11	57	59	-24
5	41	35	37	4	1240	1256	-13	5	332	324	26	12	213	213	2
6	43	50	-50	6	1020	1016	4	6	78	79	-5	13	11	14	-6
7	145	146	-4	8	213	217	-17	7	123	122	3	14	175	171	18
8	124	129	-21	10	380	369	29	8	88	92	-33	15	9	17	-10
9	27	27	0	12	289	292	-10	9	51	49	20	16	105	109	-29
10	173	171	8	14	25	30	-12	10	117	112	28	17	16	8	8
11	64	69	-38	16	75	76	-4	11	101	100	5	18	16	15	1
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13	4	1	0					13	22	22	0				
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15	59	53	30	0	354	334	68	15	16	17	-1				
16	30	28	2	1	41	32	119	16	40	29	28				
17	5	20	-10	2	87	91	-28								
h	4	0													

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h	2	2		h	6	2		18	72	74	-12	2	53	56	-11
0	238	236	9	0	21	17	11	0	141	142	-4	3	75	77	-12
1	159	160	-8	1	59	59	0	1	49	50	-18	4	13	13	0
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3	453	444	22	3	194	193	2	3	214	221	-37	6	40	37	9
4	466	451	38	4	28	25	10	4	220	229	-42	h	0	4	
5	55	54	11	5	48	45	20	5	147	146	4	0	453	444	22
6	200	204	-23	6	-15	1	-8	6	174	175	-5	2	135	142	-41
7	121	115	33	7	65	62	20	7	89	93	-29	4	129	133	-20
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9	90	88	10	9	61	64	-9	9	181	185	-17	8	646	639	12
10	236	233	11	10	27	24	5	10	281	282	-5	10	292	300	-28
11	108	108	1	11	79	76	16	11	54	56	-13	12	-16	3	-8
12	154	149	22	h	7	2		12	53	58	-42	14	283	292	-30
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18	57	52	18	6	53	49	15	h	4	3		3	64	63	17
h	3	2		h	0	3		1	73	72	3	4	70	66	36
1	79	77	18	2	288	296	-28	2	67	66	13	5	89	84	36
2	417	422	-13	4	614	600	26	3	86	89	-23	6	142	143	-10
3	96	89	44	6	180	156	108	4	130	128	13	7	66	66	-1
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3	325	322	10	11	-18	5	-16	6	48	47	9	6	110	119	-58
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5	70	73	-33	13	21	24	-9	8	56	54	17	8	239	239	0
6	78	79	-3	14	132	123	47	9	117	117	0	9	152	151	8
7	119	117	13	15	12	17	-8	10	55	51	25	10	64	63	6
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17	30	33	-8	5	124	123	4	3	63	65	-19	13	-18	12	-23
				6	488	494	-15	4	46	45	9	14	31	35	-16
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0	43	43	-1	9	13	8	7	7	90	93	-17	17	29	24	10
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8	160	157	10	17	17	4	12	h	6	5		5	96	96	5
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				4	79	80	-10	7	47	49	-5	13	16	19	-5
	h	5	4	5	79	78	9	8	50	52	-7	14	85	78	34
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1	86	86	0	7	90	94	-32					16	13	10	2
2	95	98	-18	8	71	73	-27	h	7	5					
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7	13	19	-9	13	25	32	-19	3	53	47	23	2	89	92	-20
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12	67	67	-1					2	630	637	-11	7	82	80	14
13	54	54	0	h	s	5		4	787	787	0	8	44	44	1
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	h	6	4	0	340	335	13	8	87	85	11	10	68	61	48
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1	82	83	-5	3	68	71	-28	14	74	76	-9	13	23	14	13
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	h	7	4	14	54	54	-5	7	77	75	13	7	52	52	-1
				15	27	30	-6	8	112	113	-7	8	49	48	0
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2	22	19	4					10	100	110	-66	10	-9	15	-13
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4	-6	15	-9					12	46	44	16	12	40	32	18
5	26	31	-9					13	27	30	-10				
				1	18	18	0	14	88	82	44	h	6	6	
	h	0	5	2	36	37	-6	15	20	18	4				
				3	71	70	13	16	18	20	-3	0	127	132	-24
2	500	496	7	4	164	159	25	17	9	4	3	1	75	76	-10
4	861	860	0	5	69	69	4					2	35	35	0
6	273	274	-2	6	149	147	10	h	2	6		3	73	74	-5
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12	22	17	11	9	58	63	-37	0	205	202	19	6	16	18	-3
14	181	165	-15	10	76	72	32	1	14	22	-25	7	52	48	14
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				13	63	53	43	4	333	332	2				
	h	1	5	14	69	67	8	5	156	163	-43				
				15	21	21	0	6	242	250	-37	h	0	7	
								7	74	77	-26				
0	439	432	18	h	5	5		8	153	153	-2	2	136	140	-16
1	276	279	-12					9	29	29	3	4	153	154	-3
2	333	338	-17	0	55	56	-5	10	184	190	-28	6	134	133	2

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8	104	98	28	12	59	63	-18	h	3	8		11	28	30	-6
10	296	307	-34	13	12	21	-11					12	109	112	-17
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1	32	32	-3	4	78	80	-21	8	54	52	16	2	62	68	-54
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5	54	52	17	8	82	81	3	12	60	56	14	6	79	78	11
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8	280	277	14	11	42	45	-7					9	-11	18	-15
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14	93	94	-6	3	25	25	1	3	69	67	13				
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1	78	78	-1					10	52	51	3	4	65	66	-9
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